पेटेंट कार्यालय
शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

12 DECEMBER, 2014

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THE PATENT OFFICE
KOLKATA, 12/12/2014
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: cgpdtm@nic.in	4	The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032. Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in ❖ The States of Andhra Pradesh, 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 12/12/2014

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 है:-

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 फ़ैक्स: (91) (22) 24123322 ई. मेल: cgpdtm@nic.in	4	पेटेंट कार्यालय, भारत सरकार इंटेलेक्चुअल प्रॉपर्टी राइट्स बिल्डिंग, इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क, जी. एस. टी. रोड, गायन्डी चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फ़ैक्स: (91)(44) 2250-2066 ई. मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षदीप
2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एंटोप हिल डाकघर के समीप, एस. एम. रोड, एंटोप हिल, मुम्बई- 400 037, फोन: (91) (22) 24137701 फ़ैक्स: (91) (22) 24130387 ई. मेल: Mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोवा तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.	5	पेटेंट कार्यालय, भारत सरकार कोलकाता, (प्रधान कार्यालय) बौद्धिक संपदा भवन, सीपी-2, सेक्टर- V, साल्ट लेक सिटी, कोलकाता-700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फ़ैक्स:/Fax: (91)(33) 2367 1988 ई. मेल: kolkata-patent@nic.in ❖ भारत का अवशेष क्षेत्र
3	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर- 14, द्वारका, नई दिल्ली- 110 075. फोन: (91)(11) 2808 1921-25 फ़ैक्स: (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, सूचनाए, विवरण या अन्य दस्तावेज़ या कोई शुल्क पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में स्वीकृत होंगे।

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

SPECIAL NOTICE

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

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

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

(**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.

CORRIGENDUM

The abstract of the application number 998/kol/2012 dated 30/08/2012 which has been Published on 12/10/2012 J No: 41/2012 should be read as

An instrument for insulation condition assessment, comprising, at least two switches (2,3) for connecting said insulating material (11) under assessment to an electrometer module(4), a micro controller(S) for controlling said switches (2,3) and for data communication between a host computer(10) and peripherals, and a data acquisition module (6) operatively connected to said host computer. A method for performing insulation condition assessment is also disclosed.

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2014
(21) Application No.1158/DELNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLEXIBLE SUPPORT STRUCTURE FOR A GEARED ARCHITECTURE GAS TURBINE ENGINE

(51) International classification :F01D25/28
(31) Priority Document No :13/623309
(32) Priority Date :20/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060105
Filing Date :17/09/2013
(87) International Publication No :WO 2014/047040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :One Financial Plaza Hartford Connecticut 06101 U.S.A.
(72)**Name of Inventor :**
1)MCCUNE Michael E.
2)HUSBAND Jason

(57) Abstract :
A gas turbine engine includes a flex mount for a Fan Drive Gear System defined by a lateral and transverse stiffness relationship. Epicyclic gearboxes with planetary or star gear trains may be used in gas turbine engines for their compact designs and efficient high gear reduction capabilities. Planetary and star gear trains generally include three gear train elements: a central sun gear an outer ring gear with internal gear teeth and a plurality of planet gears supported by a planet carrier between and in meshed engagement with both the sun gear and the ring gear.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.3605/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TECTARIA CICUTARIA EXTRACTS, METHODS OF PREPARING TECTARIA CICUTARIA EXTRACTS AND MEDICINAL FORMULATIONS COMPRISING TECTARIA CICUTARIA

(51) International classification	:A61K 36/00, A61K 9/00, A61K 31/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)DR. JADHAV NAMDEO RAMHARI
(72)**Name of Inventor :**
1)MRS. KARADE PREETI GAJENDRA
2)DR. JADHAV NAMDEO RAMHARI

(57) Abstract :
The present invention provides Tectaria cicutaria extracts and process for preparing the same. The present invention also provides a process for identifying and isolating the phyto-constituents from the plant Tectaria cicutaria. The present invention also provides medicinal formulations comprising Tectaria cicutaria for the treatment of at least one disease selected from the group consisting of microbial infection, anti-inflammatory, cancer and the like.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.437/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ARTICULATED TRAILER

(51) International classification	:B62D53/06, B62D53/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)MEHRA, Yogesh Jogindernath
(72)**Name of Inventor :**
1)LUNAVIA, Bipinkumar Nathalal
2)MEHRA, Yogesh Jogindernath

(57) Abstract :
The present subject matter relates to an articulated trailer. According to one embodiment, the articulated trailer (100) includes a trailer frame (102) connectable to a tractor trailer truck (106) and supported by the tractor trailer truck (106). The trailer frame (102) includes at least two frame members pivotably coupled to the tractor trailer truck (106) and extending longitudinally from a front end of the trailer frame (102) towards a rear end of the trailer frame (102), wherein the at least two frame members are interconnected by a plurality of arms (108), the plurality of arms (108) being actuable in a retracted position and a plurality of expanded positions to attain a predetermined width of the trailer frame (102).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2014

(21) Application No.5965/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD OF MANUFACTURING HYDROPNEUMATIC PISTON ACCUMULATOR IN ALUMINIUM ALLOY MATERIAL WITH SPECIAL FIXTURES

(51) International classification :f15b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HITECH HYDRAULICS

(57) Abstract :
A method of manufacturing hydropneumatic piston type accumulator in aluminium alloy material AA 2014 comprising : a tube or housing (i), a piston (ii) which slides in said housing, a gas side cover (iii), an oil side cover (iv) the end rings (v), and a set of seals namely AQ seal, step seal, O rings, slide rings, which serve the purpose of receiving specific volumes of pressurised hydraulic fluid and return the same to the hydraulic system as and when required while the piston slides along the axis of said tube and said accumulator in aluminium alloy is lighter compared to corrosion resistant product and thus has wider applicability in aerospace applications. The method of manufacturing in aluminium alloy material. with the requisite heat treatment is unique and involves the precision machining of tube, honing, hard anodising, rehoning, to finish tolerances and said sulphuric acid anodising of outer surface, the piston and the end covers which are precision machined, sulphuric acid anodised to facilitate accurate and easy assembly fixtures which are specially designed.

No. of Pages : 23 No. of Claims : 6

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

(21) Application No.5682/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL RIGID MODULAR HOLDING SYSTEM WITH RADIAL AND AXIAL COMPENSATION

(51) International classification	:b23q	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Vijay Kumar Mada**
(32) Priority Date	:NA	Address of Applicant :E 1205, Jacaranda Block, Brigade Millennium, J P Nagar 7th Phase, Bangalore 560 078 Karnataka India
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)Vijay Kumar Mada**
(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 rigid modular holding with axial and radial compensation for multiple and universal application of all machining processes, engineering, machine building, and construction fields where ever applicable for rotary and static systems. Design of modular holding includes male and female portions of joining parts machined to the required shape and clearances to accommodate modular locking rigidly with face butting. Radial and axial run out adjustments is controlled by the grub screws and run out compensation can be achieved within micron. An area used for clamping and designed within the area of joining parts results reduction in material and processing cost. Since, the material is not protruding out from the surface of the joining parts, esthetically looks good and convenient for designing multiple applications as it is not possible at present.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2014

(21) Application No.5174/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REINFORCED STEEL BARS

(51) International classification :h05k
(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)Apple Rolling Mills Ltd.
Address of Applicant :Uliveeranapalli Village, Hosur-Thally Road, Hosur, Krishnagiri District, Tamil Nadu-635114, India.
(72)**Name of Inventor :**
1)Singiri Sathanantham Srikanth

(57) Abstract :
The invention provides a method for manufacturing a reinforced multilayer steel bar. The method includes forming a base roll of steel from a cast iron, applying a first elevation on the roll formed, applying a second elevation offset to the first elevation, a steel bar is rolled in between preprepared rolls to manufacture multilayered steel bar and subjecting the steel bar having the elevation to a thermo mechanical treatment to obtain a reinforced multilayer steel bar.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2014

(21) Application No.596/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE USED TO REDUCE ELECTROMAGNETIC RADITIONS

(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 :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAVI SASANK
2)G KISHORE KUMAR REDDY

(57) Abstract :
Exemplary embodiments of the present subject matter is directed towards a device used to reduce electromagnetic radiations comprising a electromagnetic resistance sheet including a first layer and a third layer positioned at front and rear portions of the electromagnetic resistance metallic sheet configured to convert received excess radio frequency radiations of electronic signals to electromagnetic field signals and ground the converted electromagnetic field; and cloud signals for avoiding the transmission of radiations into the human body and environment. The first layer and the third layer coated with plurality of chemical elements. The electromagnetic resistance sheet also includes a second layer positioned between the first layer and the third layer coated with plurality of metallic elements to provide anti corrosion of the electromagnetic resistance sheet in the transmission of radiations.

No. of Pages : 16 No. of Claims : 10

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

(21) Application No.6060/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROBOTECH: ROBOT CONTROLLED BY ANDROID SMARTPHONE USING MSP430.

(51) International classification :g05d
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DR.M. PALLIKONDA RAJASEKARAN.

(57) Abstract :
The android application has been used for various purposes still now. But, right now here, we are going to use the android application to control the robot using MSP430 microcontroller. The vehicle is designed to be driven by the smartphone with some proper design of control circuit mounted on the vehicle. By the audio-visual feedback signals, the real-time scenario from the detecting area can be shown on the screen of the smartphone which provides the information of the detected environment to guide the robot. Our mobile robot system uses scale-invariant visual landmarks to localize itself and build a 3D map of the environment simultaneously. This robot can perform the impossible actions that a human being cannot do. This robot is completely wireless (i.,e) completely controlled using android phone.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/11/2014

(21) Application No.1237/KOL/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SMART CARD BASED FOUR ENTITY CLOUD COMPUTING AUTHENTICATION SYSTEM AND METHOD THERE OFF

(51) International classification :G06Q40/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DR. ARINDAM BISWAS
4)ARUN KANTI MANNA
(72)**Name of Inventor :**
1)DR. CHANDAN KONER
2)HIMADRI NATH MOULICK
3)DR. ARINDAM BISWAS
4)ARUN KANTI MANNA

(57) Abstract :
This invention relates to a four entity cloud computing authentication system and in particular, this invention relates to thefour entity cloud computing authentication system based on smart card. More particularly, this present invention also relates to thefour entity cloud computing authentication system having four different phases, consisting of user enrollment phase, user authentication Phase, network authentication phase and user password change Phase. Furthermore, this invention also relates to a four entity cloud computing authentication system in which a cloud computing service can provide a consistent user authentication experience and a relatively high authentication security level and effectively ensures the privacy security of the user when being used by the user.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2014

(21) Application No.1141/KOL/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MANUFACTURE OF FUSED DOLOMITE FROM RAW OR CALCINED DOLOMITE OF HIMALAYAN ORIGIN INCLUDING BHUTAN AND INDIAN ORIGIN AND ARTICLES MADE THEREFROM

(51) International classification :C22B26/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TIWARI, JAI NARAIN
2)SAHU, DR. JAYANT KUMAR
3)PANDA,KUNJA BIHARI

(57) Abstract :
This invention relates to a process for the manufacture of fused dolomite by electrofusion of raw or calcined dolomite of an optimum composition as given in the specification in a fusion pot in presence of electrodes partially filled with coke breeze and/or carbon pieces, which is connected by cable (s) to 1600 KVA transformer equipped with suitable lifting devices and a number of cycles of current is passed, and from the second cycle onwards. semi - fused dolomite is fed first in the fusion pot and then raw dolomite is added at a required rate through a vibro feeder. After the culmination of the fusion process electrodes are lifted, fusion pot with contents are cooled, sorted and packed in moisture-proof bags for storage. The stored product may be made into refractory bricks and shapes with the help of a suitable binder, followed by compaction, firing and storage.

No. of Pages : 24 No. of Claims : 10

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

(21) Application No.1162/KOL/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A COLOUR METROLOGY BASED SELECTIVE INFORMATION/CONTENT DISPLAYING SYSTEM AND METHOD.

(51) International classification :G01B11/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHAUDHURI, Shri Subhabrata
2)BAGCHI, Shri Manash
3)BISWAS, Shri Gautam
4)DUBEY, Shri Binoy

(57) Abstract :
The present invention discloses colour metrology based switchable audio-visual content or information displaying system and method. The system of the present invention involves at least one primary displaying region and at least one secondary displaying region having a display surface for showing the visual content and disposed over said primary displaying region in a portable manner for enabling conformal scanning of the primary displaying region. said primary displaying region enabling colour metrology based positional information of the secondary displaying region while it scanning over the primary displaying region and corresponding switching of visual content showing on the display surface of the secondary displaying region.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2014

(21) Application No.1211/KOL/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN APPARATUS AND RESONANT ENERGYANALYSIS METHOD FOR ACTIVE SEISMIC OPERATIONS

(51) International classification :G01V1/38
(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 Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :P.O. Duliajan 786602, District Dibrugarh, Assam, India
(72)**Name of Inventor :**
1)BATTA, Gnana, Kumaraswamy
2)SINGH, Sambhu, Nath

(57) Abstract :
The present invention discloses an apparatus and method of locating subsurface oil and gas and also reduce seismic exploration risk, includes seismic survey designing, acquiring seismic records with broadband sensors 2, recording instrument 20, simple filter and auto gain control, extracting low frequency resonant seismic data attributes 3 at around 2 to 5 Hz as hyperbolic events at late part of the seismic records combined with strong seismic reflection signals at around 6 to 125 Hz in one seismic record after the primary waves 4 are gone from the seismic record, mapping right positions of resonant seismic attributes on base map of study area 15 and its stack image 12 in time and depth domain at its right phase velocity to determine the likelihood of subsurface oil and gas. The present invention also provides method for 3D seismic survey 16 over identified low frequency resonant zones in order to minimize the seismic exploration risk.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/11/2014

(21) Application No.1253/KOL/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WEAR-RESISTANT CERAMIC LINER WITH SNAP-LOCK FIXING ARRANGEMENT

(51) International classification :F23M5/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SINGH Shanti Bhushan
2)GHOSH Goutam

(57) Abstract :
A were-resistant ceramic liner (7) with snap-lock fixing arrangement (1) comprises of a plurality of male parts (2) positioned on mother plate (3) and a plurality of corresponding femal parts (5) former on liner (7).The external contours of the male parts (2) match exactly the internal contours of their corresponding femal parts (5). There is a snap fit between there two parts when the male part is inserted into the corresponding femal part to form the snap-lock fixing arrangement. The male part (2) is either integral to said mother plate (3) or welded to it. The ceramic liner is either a square ceramic tiles arrangement or an interlocked type arrangement of ceramic tiles.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2014

(21) Application No.1166/KOL/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CYCLONE SEPARATOR

(51) International classification :B04C9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR
(72)**Name of Inventor :**
1)MOHANKA, Madan Mohan
2)MAJUMDER, Arun Kumar

(57) Abstract :
A cyclone separator (1) has a cylindrical body (5), a plurality of vortex finders (2,3,4) provided at the top, an inlet (6) for tangential entry of heterogeneous feed particles mixture, an underflow discharge opening and a plurality of output pipes. It produces three overflow streams, namely an inner overflow, middle overflow and an outer overflow which exit through its overflow outlet. The output pipes collect particles of different size ranges from the three overflows at one go. The vortex finders comprise of at least a first vortex finder (2), positioned co-axially within at least a second vortex finder (3), the first and second vortex finders (2, 3) being further positioned co-axially within at least a third vortex finder (4). The vortex finders (2, 3, 4) are provided with increasing diameter inside the cyclone separator (1) in that order. The vortex finders (2, 3, 4) are disposed at an increasing depth. They vortex finders (2, 3, 4) can have the same length. The number and the diameter of the vortex finders to be provided within the separator are selected depending upon the size of the particles to be processed by the separator.

No. of Pages : 14 No. of Claims : 5

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.1135/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :17/04/2013

(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR PREPARATION OF NANOPARTICLES OF HIGHER MOLECULAR WEIGHT OF POLYPROYLENE

(51) International classification	:C08F	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR**
(32) Priority Date	:NA	Address of Applicant :KANPUR -208016 U.P. INDIA.
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)PRADIP PAIK**
Filing Date	:NA	**2)KAMAL KRISHNA KAR**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:3161/DEL/2005	
Filed on	:25/11/2005	

(57) Abstract :

The invention discloses-accordingly to the Invention, there is provided a Process for preparation of nanoparticles of higher molecular weight of polyproplene comprising steps of; Introduction of n-hexane into the reactor followed by introduction of TiCl4 and trimethyl aluminum as herein described into the reactor maintained at a temperature of 400-1000e; addition of propylene and hydrogeninto the reactor maintained at 700-IS00C for 6 to 24 hours and at a pressure of 0.1 to 2 MPa so as to cause polymerization; treatment of the solution obtained with methanol acidified with traces of HCI to decompose and dissolve catalyst;treatment of the solution outaiued above with a solvent followed by heating at 60°C to 1250e to fom a clear solution and cooled to get nanoparticles; separation of nanoparticles of polypropylene.

No. of Pages : 48 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.1136/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR PREPARATION OF NANOPARTICLES OF HIGHER MOLECULAR WEIGHT OF POLYSTRENE.

(51) International classification :C08F
(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 :3161/DEL/2005
Filed on :25/11/2005

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1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Address of Applicant :KANPUR -208016. Uttar Pradesh India
(72)**Name of Inventor :**
1)PRADIP PAIK
2)KAMAL KRISHNA KAR

(57) Abstract :
The invention discloses a process for preparation of nanoparticles of higher molecular weight of polystyrene comprising steps of; (a) introduction of benzene into the reactor followed by introduction of AlCb into the reactor maintained at a temperature of 3070° C which is increased to 60-100oC; (b) introduction of ethylene into the reactor maintained at 70-130oC for 1-6 hours at a pressure of 0.1 to 2 MPa; (c) addition of Magnesium oxide to the solution obtained above, which is heated at a temperature of 400°C-8000C followed by separation of styrene, which is added with a catalyst and heated in the reactor at 1000C to obtain a melt; (d) heating of the melt containing polystyrene and traces of styrene at a temperature of 1200C-2000C to remove styrene monomer; (e) addition of solvent to the mixture obtained aLuvc followed by heating 75°C-1500C to obtain a clear solution; and (f) separation of polystyrene as herein described to obtain the nano sized polymer.

No. of Pages : 48 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.1180/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PYRAZOLE CARBOXYLIC ACID DERIVATIVES AS ANTI-MYCOBACTERIAL DRUG CANDIDATES

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, Delhi India
(72)**Name of Inventor :**
1)JAYANT MAROTI GAJBHIYE

(57) Abstract :
The present invention relates to the pyrazole carboxylic acid analogues of Formula 1 or stereoisomers, or esters or pharmaceutically acceptable salts thereof, as potent antimycobacterial agents. Formula 1 Further it discloses the pharmaceutical composition comprising compounds of Formula-I for the treatment of mycobacterial infections.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2013

(21) Application No.1062/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL HEAT RETARDANT MATERIAL AND METHOD FOR PRODUCTION THEREOF

(51) International classification :C10C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JUAN FRANCISCO RODRIGUEZ
3)ANA MARIA BORREGUERO
4)PALLAVI SHARMA

(57) Abstract :
Novel heat retardant material and method for production thereof The present invention provides a novel heat retardant material for polyurethane foam (pU foam) and polyurethane foam prepared there from. The introduction of covalently linked flame retardant organophosphonate ester into the PU foam is achieved by using the CuAAC click reaction of an alkyne-polyol and azidoalkylmonophosphonate. The functionalised PU foam demonstrated a wellformed polyhedral cell structure and an increase in the fire resistance properties by SEM and thermo gravimetric analysis, respectively. Even after thermal treatment at higher temperatures for e.g. at 400°C, the new PU foam material displayed enhanced flame resistant properties by forming a char layer on the surface of the polymer, which, maintain its polyhedral structure.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.1089/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A DEVICE FOR GENERATING A HELICAL BEAM

(51) International classification :G02B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Devinder Pal Ghai

(57) Abstract :
The present invention relates to a device for varying/altering azimuthal mode index of an optical beam, said device comprising: a flat mirror provided with reflective coating on its first surface; an actuator coupled to a second surface of the said flat mirror; and a voltage divider circuit operatively coupled to the actuator for providing an excitation voltage to the actuator, wherein in response to the excitation voltage the actuator expands thereby imparting an out of plane displacement to the flat mirror which varies continuously along azimuthal direction, which in turn varies/ alters the azimuthal mode index of the optical beam incident onto the first surface of the said mirror.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1117/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ATTACHMENT FOR A POWER TILLER

(51) International classification :A01C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DINESHKUMAR
2)JAMANADAS
3)KHANAPARA

(57) Abstract :
An attachment apparatus for use with a power tiller, said attachment apparatus capable of performing drilling of the seeds as well as their broadcasting. The attachment apparatus, including at least one hopper along the upper end, a plurality of adjustable tines along the lower end and a seed dispersing mechanism.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.1194/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EGR SYSTEM FOR TURBOCHARGED ENGINE TO IMPROVE THE ENGINE PERFORMANCE IN TRANSIENT CONDITIONS.

(51) International classification :F02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VIKAS DHIMAN
2)SHAKTI KUMAR SINGH
3)CHETAN SHARMA
4)KRATIKA GUPTA

(57) Abstract :
EGR system for turbocharged engine to improve the engine performance in transient conditions. This invention relates to EGR system for turbocharged engine to improve the engine performance in transient conditions comprising electronic control unit connected to alternator and engine. It is associated with the following advantageous features:- - Reduction in the formation of smoke. - Reduction in the visible free acceleration smoke of the vehicle. - Improvement in the performance at sudden loading as sudden loading also reduces engine RPM.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.1195/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A TESTING UNIT OF TRACTOR TO PROVIDE PERFORMANCE DECISION

(51) International classification :G01R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VIKAS DHIMAN
2)SHAKTI KUMAR SINGH
3)CHETAN SHARMA

(57) Abstract :
This invention relates to a testing unit of tractor to provide performance decision comprising an electronic control unit connected to an alternator at one end and a lighting means at other end. It is associated with the following advantageous features:- - Minimizes more than 80% time and effort for testing of tractor - Generation of testing result within 120 seconds. - Achievement of 95% accuracy of OK tractor identification.

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

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

(21) Application No.1077/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NEW CHROMONE ALKALOID DYSOLINE FOR THE TREATMENT OF CANCER AND INFLAMMATORY DISORDERS

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BHARATE SANDIP BIBISHAN
4)DAR ABID HAMID
5)KHAJURIA ANAMIKA
6)MEENA SAMDARSHI
7)BHOLA SUNIL KUMAR
8)QAZI ASIF KHURDHID
9)HUSSAIN AASHIQ
10)SIDIQ TABASUM
11)UMA SHAANKER RAMANAN
12)RAVIKANTH GUDASALAMANI
13)VASUDEVA RAMESH
14)MOHANA KUMARA PATEL
15)GANESHAIAH KOTIGANAHALLI

(57) Abstract :
The present invention relates to the of new chromone alkaloid of formula 1 isolated from the plant Dysoxylum binectariferum. The compound 5,7-dihydroxy-6-(3-hydroxy-I - methylpiperidin-4-yl)-2-methyl-4H-chromen-4-one, is found to be a potent inhibitor of cell growth and proliferation and also inhibit production of pro-inflammatory cytokines. The formulations of this particular compound can be used for treatment of cancer and inflammation.

No. of Pages : 28 No. of Claims : 12

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

(21) Application No.1102/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL NICOTINE ANALOGUES/2-PYRIDYLPYRROLIDINE DERIVATIVES AND THE PROCESS OF PREPARATION THEREOF

(51) International classification	:A61K	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH (IISER) MOHALI**
(32) Priority Date	:NA	Address of Applicant :Knowledge City, Sector 81, SAS Nagar, Mohali, Manauli P.O., Punjab, 140306, Punjab India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)Srinivasarao Arulananda Babu**
Filing Date	:NA	**2)Vadla Rajkumar**
(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 :
Novel Nicotine Analogues/2-Pyridylpyrrolidine Derivatives and the Process of Preparation Thereof™™ The present invention relates to the novel nicotine analogues/functionalized 2-pyridylpyrrolidine derivatives and the process of preparation thereof. It relates to a process of preparing nicotine analogues/functionalized 2-pyridylpyrrolidine derivatives via the intermolecular cycloaddition reactions. The process of preparing nicotine analogues/functionalized 2-pyridylpyrrolidine derivatives is simple and provides product with high yield and purity.

No. of Pages : 40 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1128/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THERMOSTAT MOUNTING ASSEMBLY

(51) International classification :G05D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHASHANK AGGARWAL

(57) Abstract :
The present invention relates to housing for a thermostat assembly in plastic material for four wheelers especially for trucks and tractors in order to maintain a normal level of temperature by controlling flow of coolant for proper operation of the engine, comprising a thermostat main valve which is loaded by working piston (45), the working piston being supported by the flange (46) of thermostat main valve. The thermostat mounting assembly is used to support a thermostat at a location between an engine block and a radiator. The housing is in two parts and has a fluid inlet port (2) and two fluid outlet ports (1, 3) with a support assembly, use to firmly fix the thermostat in place within the housing. The upper part of housing includes a tubular spout (1) and a flange (4) for mounting the upper part on the bottom part of housing. The bottom part includes a flange (5) which has a mounting face defining a seal grove (31), one tubular inlet (2) and outlet spout (3). The thermostat assembly is mounted between the engine and radiator in such a manner that the tubular spout (3) is directly attached to the engine. In a situation when engine is cold, the valve element is seated to direct the pumping of coolant from an outlet of the engine back to the inlet, bypassing the radiator so that the engine can warm up in order to reducethe time required for the engine to reach its optimal running temperature. When the temperature of the surrounding coolant reaches a predetermined level, a thermally expandable element, such as wax element, expands, lifting the thermostat main valve seat to close the tubular spout (3) and allowing the coolant flow through the radiator through the tubular spout (1). The thermostat housing is designed in such a manner that when the main valve opens, its lower plate completely coves the tubular outlet (3) spout and prevents the coolant to flow directly into the engine bypassing the radiator. Figure 1:8 on sheet 7 of the drawings may accompany the abstract when published.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2013

(21) Application No.1210/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RECOMBINANT ZONA PELLUCIDA (ZP) PROTEINS, VACCINE COMPOSITIONS AND METHOD OF METHOD OF PRODUCING SAID VACCINES

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

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3)KAUSIKI CHAKRABARTI
4)KRISHNA PRAKASH
5)NEERJA WADHWA
6)TRIPTI GUPTA

(57) Abstract :
The present invention relates to expression of recombinant porcine zona pellucida (ZP) proteins which are immunogenic and competent to curtail fertility in mammals. The present invention also provides contraceptive vaccines comprising the recombinant porcine zona pellucida proteins and methods of producing thereof.

No. of Pages : 40 No. of Claims : 18

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

(21) Application No.1078/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : KAPPAPHYCUS ALVAREZII SAP FREE OF GIBBERELLIC ACID (GA3) AND ITS METHOD OF PREPARATION

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

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2)ARUP GHOSH
3)DIBYENDU MONDAL
4)KAMALESH PRASAD
5)SUDHAKAR TUKARAMJI ZODAPE

(57) Abstract :
The present invention relates to a product Kappaphycus alvarez;; seaweed sap free of Gibberellic acid (GA3) and its method of preparation. Kappaphycus alvarez;; seaweed sap is a plant stimulant found to enhance yield and quality of a number of crops. Besides containing many macro- and micro- nutrients, there are many plant growth hormones present in Kappaphycus alvarez;; sap. It has been observed that pristine Kappaphycus alvarez;; Sap and GA3 free sap enhanced grain yield but surprisingly selective removal of GA3 from the pristine sap had profound stimulating effect on total dry above ground biomass yield over and above the pristine sap. 7 (A

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

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

(21) Application No.1079/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PINCHED TUBES FOR MIXING AND HEAT TRANSFER

(51) International classification :B29C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AMOL ARVIND KULKARNI
2)VIVEK VINAYAK RANADE

(57) Abstract :
A pinched pipe flow reactor to prevent back-mixing and to enhance heat transfer is disclosed herein. The reactor comprises a pipe having at least two converging I pinched section [I021 connected to each other by a non-pinched section [loll, characterised in that axis of the each converging I pinch section is between 0 to 90 and arranged in different perpendicular planes to the pinch. A method of enhancing mixing, mass transfer and heat transfer comprising the pinched pipe flow reactor is further disclosed.

No. of Pages : 24 No. of Claims : 10

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

(21) Application No.1172/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR PREPARING VEGETABLISED READY TO USE COMPOSITE FOOD

(51) International classification :A23L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHAUHAN, OM PRAKASH
2)NAGARAJ, ROOPA
3)RAJU, PAKALAPATI SRINIVAS

(57) Abstract :
The present invention provides a process for preparing vegetablised ready to use composite food. The main ingredients used are different vegetables in suitable edible matrix consisting of cereal or legume flour, edible plasticizing additive and leavening agent. In one embodiment, various vegetables along with other ingredients are processed to produce the vegetablised ready to use composite food having content of vegetables. In another embodiment, the vegetablised ready to use composite food is produced in the form of noodles, which is made ready for consumption by boiling in hot water. In another embodiment, the vegetablised ready to use composite food is fried in edible oil to prepare ready to eat vegetablised snack food.

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

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

(21) Application No.1173/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD FOR INCREASING EFFIENCY OF H-BRIDGE BOOST CHONVERTER FOR BATTERY CHARGING

(51) International classification :H02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)PRASHANT SHARMA

(57) Abstract :
The present invention relates to a method for increasing efficiency of H-bridge boost converter during battery charging comprising Hbridge converter employing four power switches SW1 to SW4 in conjunction with step-up. transformer, post LC filter and a relay where, during positive and negative half cycles of mains AC voltage, one terminal of power transformer secondary winding tie with -ve battery terminal through SW4 and SW3 respectively while second terminal of power transformer secondary winding checks switching frequency using PWM at the gate of SW3 and SW4 respectively.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2013

(21) Application No.1214/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRICAL SOCKET ASSEMBLY

(51) International classification :H01R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SURESH RAJA
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(57) Abstract :
An electrical socket assembly (100) comprising at least two slots (112,113) for receiving prongs (111) of an electrical plug (104) coupled with a device for providing electricity thereto, the socket being adapted to alert the user about partial insertion of the plug. The socket is always in POWERED ON condition. The invention further provides for a method for indicating the user about partial insertion of the plug (104) in the socket assembly (100).

No. of Pages : 11 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.1049/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR PREPARATION OF ALCOHOLIC BEVERAGE WITH NUTRACEUTICAL PROPERTIES FROM KINNOW PEELS

(51) International classification :A23L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OBEROI, HARINDER SINGH

(57) Abstract :
Alcoholic beverage/ beverages are prepared from fruit juices or extracts and some attempts were made to produce beverage from the orange fruit juice supplemented with residues, but the work was not conducted scientifically and has not been published as paper or report. The process described in this disclosure is based on the indigenous knowledge which has been supported by the scientific intervention. Previously reported processes were based on direct fermentation of the juices, however an attempt in this process has been made to use low cost crude enzyme consortium to extract maximum amounts of fermentable sugars as well as the related phenolics from Kinnow peel so that the beverage produced could have the taste of wine and health benefits of phenolic compounds. Fermentation with multi-stress resistant yeast strain also helped in efficient fermentation of available sugars as the efficiency of yeast cells was not compromised because of change in pH or increase in alcohol content. All the analysis for sugar and ethanol profile were performed using high performance liquid chromatography (HPLC) and the antioxidant assays were carried out using established assay methods reported in the literature. The products reported in the disclosure are purely natural products prepared from natural extract of h i t residues and other ingredients derived from organic sources

No. of Pages : 7 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1120/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR LOCKING PETROL AND DIESEL INJECTION TO ELIMINATE THEFT PROBLEM

(51) International classification :F02B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)R.K. TYAGI
2)RAVI RANJAN

(57) Abstract :
The present invention relates to the simple system and method for locking vehicle engine that prevents car fiom theft. The present invention particularly relates to the simple mechanism for locking the charge, delivered to the combustion chamber in automobile vehicles. The current mechanism consists of carburetorlfuel injector, central locking and two way solenoid valve. In this process, solenoid valve works with the conjugation of central locking .When the central lock is switched on, the solenoid valve remains closed and as the central lock is switched off the solenoid valve behaves like a continuous flow path.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2013

(21) Application No.1250/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMPROVED PROCESS FOR THE CONTROL ON ANTI-ISOMER FORMATION IN ROSUVASTATIN CALCIUM

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MADAN PAL TANWAR
3)SUMAN KUMAR SHARMA
4)RAHUL KUMAR REDDY P

(57) Abstract :
The present invention relates to the novel industrially applicable & cost effective processes for the preparation of pure Rosuvastatin calcium & intermediates thereof almost free from Rosuvastatin calcium anti-isomer.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2013

(21) Application No.1251/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HAND HELD APPLICATOAR FOR UNDERWATER PAINTING ON METAL SURFACES.

(51) International classification :B05B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TAPAN KUMAR MAHATO
4)VITTHAL REMCHANDRA MORE

(57) Abstract :
A paint applicator device for application of paint composition on a metal substrate in an efficient and an easy manner is disclosed. The apparatus for coating a metal surface is disclosed. The apparatus comprises of a brush means (1) having a 10 plurality of bristles (10) and at least one bristle holder (20). The plurality of bristles (10) may be inserted in said bristle holder (20). The apparatus further comprises of a reducer means (2) fixed in said bristle holder (20), wherein the reducer (2) further comprises of a nozzle (80). The apparatus also includes a paint container (3) connected to said reducer means (2), wherein the paint container (3) holds a paint inside. The apparatus 15 further includes a paint dispensing system (4) having a piston (30) with a groove, a trigger (40) coupled to a handle (60) using a spring means, and a disc (50), wherein the disc (50) is fixed at one end of the piston (30).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2013

(21) Application No.1060/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TECHNOLOGY FOR NATIVE PLANT GROWTH PROMOTING BACTERIAL (PGPB) CONSORTIUM FORMULATIONS, USEFUL AS BIOFERTILIZER CUM BIOPESTICIDE

(51) International classification :C05F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VYAS, R.V.
2)SHELAT, H.N.

(57) Abstract :
The present invention relates to Plant Growth Promoting Bacteris (PGPB) Consortium Formulations capable of stimulating plant growth and development. The PGPB consortium or the composition of the present invention also capable of fixing atomospheric nitrogen, solubilize phosphate, produce growth hormones and antagonistic activity against soil borne pathogens and their concentrated secondary metabolites. The present invention also provides method of making the for a PGPB consortium or composition.

No. of Pages : 103 No. of Claims : 36

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

(21) Application No.1086/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIPOSOMAL PHARMACEUTICAL FORMULATIONS FOR ENHANCED DRUG DELIVERY

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

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1)MALVIYA, Sarvesh

(57) Abstract :
The present invention provides a development and characterization of the d-a-tocopheryl polyethylene glycol 1000 succinate (TPGS) surface functionalized liposome formulations for enhanced tumor delivery of docetaxel. The presence of TPGS surface coating on liposomes provided enhanced circulation half life, superior antitumor efficacy and safety profile as compared to commercial formulation (Taxotere®), PEGylated liposomes, conventional liposomes and free drug.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.1191/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOISE DAMPENING MODULE FOR A VACUUM MODULATOR IN A MOTOR VEHICLE

(51) International classification :A47L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BHANDARI, KABIR
2)KUMAR, AMARDIP
3)SINGH, AVADHESH KUMAR
4)GOSWAMI, RAVI

(57) Abstract :
The present invention relates to a noise dampening module for a vacuum modulator in a motor vehicle. More particularly, this invention relates to an improved design of vacuum modulator or electronic vacuum regulating valve (EVRV) wherein the said noise dampening module has been implemented by using sponge or alike material. There is always an air gap between the plunger and inner core of the vacuum modulator. This air gap creates noise due to metal to metal contact and noise intensity increases further during vehicle off-on condition. This air gap is eliminated by implementing a noise dampening module between che plunger and the inner core.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2013

(21) Application No.1240/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL DI- AND TRISUBSTITUTED CYCLOPROPANECARBOXAMIDE COMPOUNDS AND THE PROCESS OF PREPARATION THEREOF

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Srinivasarao Arulananda Babu
2)Ramarao Parella
3)Bojan Gopalakrishnan

(57) Abstract :
The present invention relates to the novel class of substituted Cyclopropanecarboxamide Compounds, specifically mono- and di- aryl-N-(quinolin-8-yl)cyclopropanecarboxamide and mono- and di- aryl-N-(2-(methylthio)phenyl)-cyclopropanecarboxamide compounds and the process of preparation thereof. It provides a process of preparing novel class of substituted cyclopropanecarboxamide compounds via transition metal-catalyzed C-H arylation of the methylene group of cyclopropanecarboxamides. The present process of preparation is simple and provides the product with high yield and purity.

No. of Pages : 53 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2013

(21) Application No.1297/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EXPLOITATION OF IDEA FOR THE DEVLOPMENT OF GLUCOPHONE

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DR. SHARAD JAIN

(57) Abstract :
The present invention provides a system comprising a measuring device miniaturized into a single integrated chip (IC) within a communicating device for performing a medical analysis of biological matter of a user. The IC chip senses the biological matter and further analyzes the desired medical reading in the biological matter. The communicating device comprises a processing module including an application related to the measuring device which can be run on the communicating device. With the help of the application, the working principle of glucometer can be used to analyze various other blood components. All tets can be done by a single IC chip which is incorporated in the communicating device. A user may select a desired medical analysis and get readings for the selected medical analysis. The application enables the communicating device to call a concerned person for a user when reading analyzed is beyond the normal values.

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

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

(21) Application No.1075/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SELF GENERATING ELECTRICAL SYSTEM-WIND MILL

(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

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(72)**Name of Inventor :**
1)THIARA, HARDIAL SINGH

(57) Abstract :
The present invention is self generator electric system which produces renewable electricity with wind at high velocity. It comprises of turbine generators which are attached at the roof of the vehicles. The roof is also covered with stainless steel as a protective covering. Its front side is covered with stainless steel net and the back side is kept opened/or can be closed for protection of birds to make the proper flow of air. When wind mills rotate with high velocity of wind, it charges the batteries attached to the turbine generators. The multiple charge controller attached to it helps to charge the batteries. Front and back stainless steel net and sides closed. 12

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

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

(21) Application No.1100/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOLAR WI-FI LAMP

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

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(72)**Name of Inventor :**
1)RADAVA, RAM RAJ

(57) Abstract :
The present invention relates to a solar Wi-Fi lamp. The present invention comprises of a housing chamber which includes three parts namely the upper section, the middle section and the base section. All the three sections comprise different modules of this invention. The present invention is capable of accommodating more than 12 light sources or LEDS as per the users requirement. The invention comprises of a reserve power unit, Wi-Fi module to provide internet connectivity. The present invention is capable of providing internet and light for a longer period of time. The present invention is capable of connecting several users devices.

No. of Pages : 28 No. of Claims : 56

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013

(21) Application No.1258/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HARD ARMOR PANEL AND A METHOD FOR MANUFACTURING OF THE SAME

(51) International classification :F41H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Ministry of Defence, Govt. of India, Room No. 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi 110011 Delhi India
(72)**Name of Inventor :**
1)Amit Kumar
2)Rajesh Kumar Tiwari
3)Arvind Kumar Saxena

(57) Abstract :
The present invention relates to a hard armor panel and a method for manufacturing the same. The standalone throat hard armor is component of personnel body armor for protecting throat of wearer without any soft armor in conjunction to it, has been developed. The wearer side of throat armor structure has the semi rigid facing whereas threat side has the hard facing. The throat armor provide protection to throat 7.62x39 mm mild steel core ammunition within velocity range of 710±10 m/s and 7.62X 51 mm lead core ammunition within velocity range of 838±15 m/s from a minimum distance of 10 m. The achieved back face signature (BFS), measured as per NIJ standards, is less than 25 mm. The standalone throat armor is developed from fixed numbers of layers of UHMWPE UD fabric (Dyneema grade HB50 UD ballistic fabric) processed in compression molding press & specially designed mold using optimized conditions and fixed optimized thickness of impact dampener material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2013

(21) Application No.1308/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : [R/S-(2-AMINO-3-METHOXY) PROPYL] (R-AMP AND S-AMP) NUCLEIC ACIDS

(51) International classification :C12N
(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
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(72)**Name of Inventor :**
1)VAIJAYANTI ANIL KUMAR
2)VENUBABU KOTIKAM

(57) Abstract :
The present invention provides novel chiral serinyl functionalized tethered oligonucleotides i.e. R/S serinyl functionalized tethered oligonucleotides and the process of preparation thereof Specifically, the present invention provides a modified nucleoside unit containing the R/S serinyl derivative at 2 of the sugar unit which is introduced in a nucleotide sequence. Also, capping of the oligonucleotides with abasic serinyl derivative to render the nuclease stability to the oligonucleotiedds is also disclosed. The chiral serinyl functionalized tethered oligonucleotides, 2-O-[R/S-(2-amino-3-methoxy)propyl] nucleic acids with both 3- and 5- ends capped with two units of abasic serine have antisense activity against miRNA.

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1124/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : 3-DIMENSIONAL POLYMERIC HYBRID MATERIAL FOR BONE AND CARTILAGE LESIONS AND A METHOD OF PREPARING THE SAME.

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

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(72)**Name of Inventor :**
1)KAMAL KUMAR GUPTA
2)P.K. MISHRA
3)DR. PRADEEP SRIVASTAVA

(57) Abstract :
A 3-dimensional polymeric hybrid implant composition comprising: a biodegradable polymer selected from natural, synthetic, copolymer and blends thereof, drug with or without filler, wherein said filler is selected from polymeric fibers, polymeric filaments, ceramic fibers, metal fibers, polymehc filaments, ceramic filaments, metal filaments, polymeric coils, ceramic coil, metal coils, polymeric, ceramic, metal nano or micro particles, and combinations thereof; the drug is selected from chemotherapy/anticancer drug, antibiotics, antimicrobial therapeutic agents in form of salt or liquid that stimulate bone healing, pain relief therapeutics and thin combinations thereof and bioceramic precursor selected from Hydroxyapitite, Titania, Silica, alumina or their mixtures crab , human bone particles.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2013

(21) Application No.1253/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POLYPHOSPHAZENE BASED FLAME RETARDANT COMPOSITION, FIBERS, PROCESS OF PREPARATION AND APPLICATIONS THEREOF

(51) International classification :C08G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAXENA, ARVIND KUMAR
2)NIGAM, VINEETA
3)KUMAR, SANDEEP
4)KERKETTA, ANJLINA

(57) Abstract :
The present disclosure provides a flame retardant composition comprising Polyphosphazene (PPZ) and Ultra High Molecular weight Polyethylene (UHMPE). The present disclosure also provides a flame retardant fibers comprising Polyphosphazene (PPZ) and Ultra High Molecular weight Polyethylene (UHMPE). Further the present disclosure provides a process of melt spinning the flame retardant composition of PPZ-UHMPE to obtain flame retardant fibers. The flame retardant fibers of the present disclosure have various industrial and medicinal applications.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2013

(21) Application No.1305/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NON-CONTACT METHOD FOR MEASUREMENT OF STRAIN PROFILE AT A LOCATION INTERPOSED WITHIN A SOFT DEFORMABLE OBJECT WITH DYNAMIC EVOLUTION OF THE STRAIN UNDER DYNAMIC LOADING OR FRACTURE OF THE OBJECT

(51) International classification :G01L
(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)INDIAN COUNCIL OF MEDICAL RESEARCH
Address of Applicant :V RAMALINGASWAMI BHAWAN, ANSARI NAGAR NEW DELHI-110029, INDIA
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(72)**Name of Inventor :**
1)ANIMANGGU GHATAK
2)SUSMITA DAS
3)SUKUMAR LAHA

(57) Abstract :
The invention relates to a non-invasive method for estimation of strain profile and dynamic evolution of the strain at a location interposed inside a block of soft material, comprising : forming a tracer grid consisting of microscopic lines or regularly spaced microscopic dots on a single plane buried inside the soft block; preparation of a deformable object embedded with the tracer grid in three primary steps: i. preparing a block of crosslinked material by crosslinking a first predetermined quantity of a pre-polymer solution containing a monomer, a crosslinking agent, and an initiator and promoter all mixed in a solvent at a known stoichiometric weight ratio, the crosslinking reaction being carried out inside a mold at room temperature or at an elevated temperature, such that a block of the crosslinked material having one of a flat face and a desired curvature; iilransferring a grid comprising of lines or dots onto the face by direct writing or transferring from an easy release surface; and iii. crosslinking a second predetermined quantity of the same pre-polymer solution on the gel surface, such that this second corsslinked material gets welded to the first one forming a monolithic block having a plane containing tracer particles embedded inside. Visualizing and recording the displacement of the tracer grid when the composite block is subjected to normal, shear or torsional loading or fracture by insertion of an object. The strain field is i estimated from the data of displacement of the tracer grid.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2013

(21) Application No.1306/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR FABRICATION OF YTTERBIUM (YB) DOPED OPTICAL FIBER

(51) International classification :C03B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :ANUSANDHAN BHAWAN RAFI MARG, NEW DELHI-110001, INDIA Delhi India
2)DEPARTMENT OF ELECTRONICS AND INFORMATION TECHNOLOGY
(72)**Name of Inventor :**
1)SEN RANJAN
2)SAHA MAITREYEE

(57) Abstract :
The present invention provides a process for fabrication of ytterbium (Yb) doped optical fiber through vapor phase doping technique. The method comprises deposition of A1203 and Yb2O3 in vapor phase simultaneously in combination with silica during formation of sintered core layer. This is followed by collapsing at a high temperature in stepwise manner to produce the preform and drawing of fibers of appropriate dimension. The process parameters have been optimized in such a way that A1 and Yb-chelate compounds can be transported to the reaction zone without decomposition and condensation of precursor materials. Thus variations of dopants concentration along the length of the preform have been minimized to <1a%nd go od repeatability of the process has also been achieved. The resulting fibers also have smooth core-clad boundary devoid of any star-like defect. The process can be reliably adopted for fabrication of large core Yb doped optical fibers. The fibers also show low loss, negligible center dip and good optical properties suitable for their application as fiber lasers.

No. of Pages : 26 No. of Claims : 19

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

(21) Application No.1170/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ILLUMINATED PATCHCORD

(51) International classification :H01R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ANIL KAMAT
2)PRANAYA LAMA
3)MILIND TAMHANE

(57) Abstract :
The illuminated patchcord has a set of connectors, a first end electrically connected to a connector assembly and a second end electrically connected to a primary electrical source. A set of illuminating means such as light Emitting Diode (LED), is provided to indicate the connectivity and traceability from the electrical source. The present invention has two LED™s each on either ends of the network cable housed inside a boot or the plug. These LED™s are activated by two switches each on either side of the network cable. The connectivity function is identified by connectivity LED which is powered by a set of predetermined pins in the connector pins, and the traceability function is identified by traceability LED, which is powered by another set of predetermined pins in the connector pins.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2013

(21) Application No.1211/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR INSPECTING AND MAINTAINING SHIP

(51) International classification :G01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAVI BUDHRAJA

(57) Abstract :
The present invention relates a system and method inspecting assessing the ships stryucture condition which in turn decides the maintenance of the ship. A protective coating is applied with fluorescent dye/ pigment which is the bottom most layer in the series of layers of paint due to which when the de-generation in terms of break down of the coating takes place this bottom layer of the paint is exposed making it possible to see /sense the florescent paint in the appropriate light (like UV light). The system comprises a control section situated at remote location and a movable1 mobile/ video receiving/ transmittiong unit with communication means, located at the field to transmit the video signals from field to the remote location. The mobile unit transmits the video signals to the controls section and to the respective user at his hand held device through communication media. The device would have all necessary / specific atc guard like user ID, regustration number to ensure the validation of the process leading the certification if required, accepted by statutory certification bodies1 ofganization

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2013

(21) Application No.1312/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED TOP MOUNT FROST FREE REFRIGERATOR WITH AN INTERRUPTED COOLING SYSTEM TO STORE FOOD ITEMS

(51) International classification	:F25D	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)LG ELECTRONICS INC.**
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(33) Name of priority country	:NA	YEONGDEUNGPO-GU, SEOUL 150-721 REPUBLIC OF
(86) International Application No	:NA	KOREA
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)SACHIN KUMAR**
(61) Patent of Addition to Application Number	:	
Filed on	:01/01/1900	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
This invention relates to an improved top mount frost free refrigerator with an uninterrupted cooling system to store food items comprising of a fan mounted in freezer operating on a battery in case of power failure and cool pack in the freezer, wherein the fan pumps cold air to refrigerator compartment by using cooling of evaporator coils, freezer loads and cool pack.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2013

(21) Application No.1313/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROTOR BLADE ASSEMBLY HAVING VORTEX GENERATORS FOR WIND TURBINE

(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

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(72)**Name of Inventor :**
1)WILSON, MEGAN MICHELA
2)VEDULA, RAMESH
3)HERR, STEFAN
4)LUEDKE, JONATHAN

(57) Abstract :
Rotor blade assemblies for wind turbines are provided. In one embodiment, a rotor blade assembly includes a rotor blade, and a plurality of vortex generators configured on at least one of a suction side or a pressure side and disposed within an inboard area of the rotor blade. The plurality of vortex generators include a row of vortex generators extending in a generally span-wise direction, the row comprising a first portion of vortex generators and a second portion of vortex generators, the second portion of vortex generators spaced apart from the first portion of vortex generators in the span-wise direction. Each first portion vortex generator is disposed at a first chord-wise location, and each second portion vortex generator is disposed at a second chord-wise location different from the first chord-wise location.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.1055/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DYNAMIC SCALING OF REDUNDANCY ELIMINATION MIDDLEBOXES

(51) International classification :G11C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ANAND, Ashok
3)PREETH CHANDRABOSE, Shoban

(57) Abstract :
Systems and methods for dynamic scaling of RE middleboxes in a communication network are described. According to the present subject matter, the method comprises determining a load of incoming data at an encoding middlebox (102) in the communication network. Further, the method comprises modifying a number of encoder instances in the encoding middlebox (102) and a number of decoder instances in a decoding middlebox (104) based on the load of incoming data.

No. of Pages : 41 No. of Claims : 19

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

(21) Application No.1076/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SELF GENERATING ELECTRICAL SYSTEM

(51) International classification :H01M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)THIARA, HARDIAL SINGH

(57) Abstract :
The present invention provides a self generating electrical system which comprises a power supply for producing electrical energy. This power supply comprises a plurality of batteries. There is provided a first DC motor for converting electrical energy to mechanical energy. A controller is electrically coupled between the battery power supply and the first DC motor for receiving electrical energy from the battery power supply and supplying electrical energy to said first DC motor in a controlled manner. A number of DC alternators are electrically coupled to the power supply for continuously recharging the plurality of batteries in the power supply. A gear mechanism is mechanically coupled to the first DC motor for selectively changing the amount of mechanical energy output by the DC motor. The output of the gear mechanism is adapted to be connected to an external load and is also used to drive the plurality of DC alternators. 18

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1127/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED COLLAPSIBLE PLASTIC BIN

(51) International classification :B65D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Harinder Preet Singh Bakshi

(57) Abstract :
The present invention relates to an improved collapsible plastic container or bins. More particularly, the collapsible container or bins are provided with interlocking mechanism for the purpose of the stacking so as to prevent slipping or falling of stacked collapsible plastic container or bins during storage, handling, and transportation. The interlocking mechanism is mounted on the short sides of the base of the container or bin. The locks have a safety feature that allows them to be engaged only when a container or bin is stacked on top of another container or bin; the buttons of the two locks can then be slid into the closed lock position. When the locks are engaged for the container or bin on top, it cannot be lifted without lifting the bottom container or bin as well since the locks are now fastened onto the top side of the bottom container or bin. The same can now be repeated by stacking another container or bin on top of this arrangement. Thus a stack of these container or bins, which have been interlocked, can be stored, moved, or transported without the need to secure them with ropes or tapes since the interlocking prevents the container or bins from falling off. The stacking lock also provides added stability to stacked container or bins during storage in stores and warehouses, thus reducing the chance of accidental falling of the container or bins and the stored goods in them. The container or bins can be lifted or separated only after unlocking the stacking locks.

No. of Pages : 20 No. of Claims : 12

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

(21) Application No.1108/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYNTHESIS AND DEVELOPMENT OF POLYMERIC NANO COMPOSITE FOR REMOVAL OF BACTERIA FROM CONTAMINATED WATER AND PROCESS OF REMOVAL THEREOF

(51) International classification :A01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)RUDRAGOUD POLICEGOUDRA
4)SAUMEN BANERJEE
5)LOKENDRA SINGH
6)VIJAY VEER

(57) Abstract :
Stable silver nanoparticle based antibacterial media comprising stable polymeric nanocomposite of silver chitosan nanoparticles adapted for impregnation and/or coating on substrate/ media including sponge and/ or activated carbon thus favouring removal of microbes from contaminated water.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.1141/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DOORI NIKALANE KI PARIKRIYA AVM YANTRA.

(51) International classification :C21B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ARVIND KUMAR PANDEY

(57) Abstract :
Using the process of distance determination, as given by me, one can determine distance, length, breadth, height, perimeter, area and speed of visible object in the universe with he help of the plane transparent glass plate or an instrument consists of plane transparent glass plate or telescope or camera, which was possible. up to now, by costly instruinents and complex processes of sextant and radar erc.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2013

(21) Application No.1229/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PUNTO ESP DEVICE

(51) International classification :H05C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MR. BHUDEV SHARMA

(57) Abstract :
The device PUNTO ESP is very useful in disabling all the electric current or shock. The device of Electric shock proof device. Every year, thousands of people die world over due to unexpected and unguarded electric shocks. These electric shocks are received at most unexpected places like kitchen, bathroom, terrace, office desk, etc. People either dies of magnitude of electric current or find themselves handicapped or paralysed in some way of the other. It may sound funny, but on such occurrences one finds himself answering questions about his own silliness about the fact that one can catch an electric shock at such places

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2013

(21) Application No.1287/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL CLUTCH MOUNTING ARRANGEMENT

(51) International classification :F16D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DEVKAR MAHESH DIPAK
2)BALVIR SINGH

(57) Abstract :
This invention relates to novel clutch mounting arrangement comprising a special plate integrated with a plurality of curved blades provided between flywheel and clutch assembly. It is associated with the following advantageous features:- 1. Improved clutch performance 2. Increase in clutch disc life 3. Reduction in the cost of clutch 4. Serviceability

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2013

(21) Application No.1288/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM FOR CLAMPING AND LUBRICATING BALANCER ASSEMBLY

(51) International classification :F16F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)T S VARYANI
2)VIKAS DHIMAN
3)SHAKTI KUMAR SINGH
4)D. MADHUSUDAN

(57) Abstract :
This invention relates to a system for clamping and lubricating balancer assembly comprising of a bolt and nut arrangement with an integrated hole in thc bolt for clamping and lubrication. It is associated with the following advantageous features:- - To clamp balancer housing to engine block. - To close the lubrication oil gallery of the engine block. - To provide lubrication to the balancer housing. - Removal of extra hardware to mount balancer housing. Removal of extra plug and also removal of additional machining of lubrication oil gallery in the engine block. - Satisfaction of entire balancing requirement alongwith lubrication for balancer shaft. - Minimization of machining effort, hardware requirement and assembly constraints. Minimization of leakage prone areas.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2013

(21) Application No.1338/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANIMAL BOWL

(51) International classification :A01K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NEERAJ JAIN

(57) Abstract :
The present invention relates to a pet animal bowl comprising a metallic container covered with non-metallic first layer and a second layer. The first layer and second layer are separable from each other as well as from the container. This separability allows ease of cleaning and maintenance of hygiene

No. of Pages : 17 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.1093/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD FOR PREPARATION OF CROSSLINKED CARBOXYMETHYL XANTHAN GUM

(51) International classification :B01J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Prateek Juneja
3)Birender Kaur
4)Sumant Saini
5)Rakesh Sindhu
6)Sandeep Arora
(72)**Name of Inventor :**
1)Inderbir Singh
2)Prateek Juneja
3)Birender Kaur
4)Sumant Saini
5)Rakesh Sindhu
6)Sandeep Arora

(57) Abstract :
Crosslinked Carboxymethyl Xanthan Gum was chemically prepared by taking the required amount of the xanthan gum and suspended in an alkali solution. The solution was stirred and an acid was added. The resultant solution was again stirred and cooled down. A suspension is obtained as the reaction reaches completion. An alcohol is added to the suspension followed by filtering. The filtered solid product is dried to obtain crosslinked carboxymethyl xanthan gum.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1119/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL SYSTEM FOR HEATING EXHAUST GAS

(51) International classification :F01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)R.K. TYAGI
2)RAVI RANJAN

(57) Abstract :
The present invention relates to a system incorporated inside catalytic converter to heat exhaust gas upto a desired temperature for complete oxidation/reduction of the same. In the present invention, the exhaust gas is heated instead of heating the catalytic converter system. An induction coil is used to heat the exhaust gas before entering the catalytic converter using AC current fiom alternator. A J-type thermocouple sensor in association with a microprocessor is used to regulate the temperature within the exhaust pipe.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2013

(21) Application No.1154/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOW COST TECHNOLOGY FOR PREVENTION AND TREATMENT OF SUB-CLINICAL AND CLINICAL MASTITIS IN BOVINES

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

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1)DR. R. B. RAI
2)DR. T. DAMODARAN
3)DR. JAISUNDER
4)DR. V.K. GUPTA
5)DR. SWETA RAI
6)SHRI HAMID ALI
7)DR. BALVIR SINGH
8)DR. R.A. RAM

(57) Abstract :
The present patent is on prevention and treatment of clinical and sub-clinical bovine mastitis. A low cost formulation has been developed which is able to prevent the mastitis incidence in the first fortnight of calving significantly (the most prone stage for development ofmastitis). The fonnulation is orally fed to animals for 5 days i.e. from day before expected day of calving. The formulation fully cures sub-clinical mastitis within 3-4 days and equally effective in clinical mastitis. Thus the cost of treatment is draustically reduced and medication can be done easily. The support measures as fomentation of udder help in faster recovery ofclinical mastitis.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2013

(21) Application No.1289/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED CYCLINDER HEAD FOR PREVENTION OF OIL SEEPAGE THROUGH EXHAUST MANIFOLD MOUNTING HOLE

(51) International classification :E02D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :AGRI MACHINERY GROUP, 18/4, MATHURA ROAD, FARIDABAD-121007, INDIA Haryana India
(72)**Name of Inventor :**
1)VIKAS DHIMAN
2)BHARANI DHARAN R.
3)RAGHU RAM GOUD

(57) Abstract :
This invention relates to an improved cylinder head for prevention of oil seepage through exhaust manifold mounting hole comprising of a hole for push rod in cylinder head wherein a plurality of steps are provided in the hole to avoid seepage of oil through exhaust manifold mounting hole.

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2013

(21) Application No.1290/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BOTTLE CAP

(51) International classification :B65D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHIV SHANAR SETH

(57) Abstract :
The bottle cap is designed with cap 1, a ring shaped strip 2, and another ring shaped strip 3. All these three members 1 2 & 3 are attached with each other with the linear segments 4 & 5. The segments 4 & 5 are simply lines which have been designed in the bottle cap as tc detach all the members from each other as and when required. The linear segments 4 & 5 have the less thickness as compared to the thickness of the members 1, 2 & 3. The thickness of segments 4 & 5 is designed less than the thckness of members 1, 2 & 3 by shaping it in a line form.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2013

(21) Application No.1340/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL PRODUCT AND PROCESS FOR REGISTERED/SPOT HOLOGRAPHY METALIZED PATTERN ON PRINTED AND LAMINATED PLASTIC FILMS

(51) International classification	:G03H	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)SHEETAL MERCANTILE PVT. LTD.**
(32) Priority Date	:NA	Address of Applicant :PLOT NO. 58/2. SITE IV,
(33) Name of priority country	:NA	INDUSTRIAL AREA, SAHIBABAD GHAZIABAD-201010,
(86) International Application No	:NA	UP. INDIA Uttar Pradesh India
Filing Date	:NA	(72)**Name of Inventor :**
(87) International Publication No	: NA	**1)CHAWLA, AJAY**
(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 a novel product and process for Registered/ Spot Holography Metalized Pattern on printed and laminated plastic films. It is a new process of invention applied of Registered/Spot Printed Flexible Laminate and Labels in 2 Layers in development of Flexible Packaging Films and Labels. Further this improved registered! spot holography metalized pattern converts the printed and laminated plastic films to roll form, pouches form and labels forms on polyester! BOPP/ LD and CPP/ paper substrates in multiple color, wherein the said method results into novel end-product, wherein the said method comprises steps of Printing, Holography, Metalizing and Sealing in two layers.

No. of Pages : 25 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.1145/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL URICASE MUTANT

(51) International classification :C12N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PRASAD, GANDHAM SATYANARAYANA
2)YELCHURI, RAVIKUMAR

(57) Abstract :
The present invention relates to novel uricase, its mutants and use thereof. More particularly, the present invention relates to mutant uricase and its production.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.1146/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DESIGNER WHOLE CELL BIOCATALYSTS AND USE THEREOF IN EFFICENT PRODUCTION OF ENANTIOENRICHED ALCOHOLS.

(51) International classification :C12P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SRIVASTAVA, GAUTAM
2)KAUR, SUNEET
3)JOLLY, RAVINDER SINGH

(57) Abstract :
The present invention is to provide a preparation of variant recombinant whole cell biocatalysts, referred herein as designer whole cell biocatalysts having significantly enhanced carbonyl reductase activity for use in the efficient production of variant industrially important enantiomerically enriched alcohols. More specifically, the alcohol is optically pure ethyl (S)-4chloro- 3-hydroxybutyrate, which is useful as chiral building block and an intermediate for the production of hydroxymethylglutaryl-CoA (HMG-CoA) reductase inhibitors.

No. of Pages : 105 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.1197/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL REAR AXLE SEALING SYSTEM OF TRACTOR FOR EASE OF SERVICEABILITY

(51) International classification :B60T
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ALOK KUMAR VERMA
2)SAYYED SUHEAL AHMED

(57) Abstract :
This invention relates to a novel rear axle sealing system of tractor comprising of a plurality of hoses with internal sealing lips for robust sealing. It is associated with the following advantageous features:- - Prevents direct exposure of main seal with external environment such as mud, dust, water e.t.c. that enhances the life of main seal. - This can be changed at regular interval by dismantling of rear axle tyre / wheel only. - The failed part can be removed by means of a knife.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2013

(21) Application No.1245/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR PREPARATION OF FINE -HMX BY ANTISOLVENT PRECIPITATION

(51) International classification :C06B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GAWANDE, Namdeo M.
3)KUNJIR, Ganesh M.
4)JADHAV, Pandurang M.
5)PANDEY, Rajkishore
6)BHATTACHARYA, Bikash

(57) Abstract :
The present disclosure relates to a process for preparation of fine -HMX of size less than 5µm, the process comprising: dissolving -HMX in an organic solvent at a temperature ranging from 300C-450C to obtain a saturated solution; adding an organic anti-solvent to the saturated solution at ambient temperature to obtain a precipitated -HMX; and drying the precipitated -HMX at a temperature ranging from 500C-700C for 10-12 hours to obtain fine -HMX with size less than 5µm, wherein, the solvent to anti-solvent ratio is of range 1:100 to 1:10.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2013

(21) Application No.1352/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL EXHAUST ENERGY RECOVER SYSTEM FOR IMPROVED TURBO CHARGING AT LOWER ENGINE RPMS

(51) International classification :H03M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VIKAS DHIMAN
2)SHAKTI KUMAR SINGH
3)CHETAN SHARMA

(57) Abstract :
This invention relates to a novel exhaust energy recovery system for improved turbo charging at lower engine RPMS comprising a tube for water flow, wherein the water is heated to steam by means of waste exhaust gas for rotation of turbocharger to produce higher air flow.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.1050/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ACTIVATED CARBON SPHERES: PREPARATION USING TEDA CATALYZED PHENOLIC RESIN BEADS

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHRIVASTAVA, SMRITI
2)SRIVASTAVA, AVANISH KUMAR
3)SINGH, BEER
4)MAHTO, TIMIR HARAN
5)SHRIVASTAVA, ANCHAL ROY
6)SHAH, DILIP KUMAR

(57) Abstract :
Disclosed is a process for producing Activated Carbon Spheres, the process comprising the steps of a) preparing triethylene diamine (TEDA) catalyzed phenol-formaldehyde resin beads by polymerizing phenol with formaldehyde in presence of TEDA; b) carbonizing the TEDA catalyzed phenol-formaldehyde resin beads of step a) by heating in an inert atmosphere; c) activating the carbonized TEDA catalyzed phenol-formaldehyde resin beads of step b) by heating in presence of steam or carbon dioxide to obtain Activated Carbon Spheres.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1121/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL HERBAL FORMULATION TO WASH FRUITS AND VEGETABLES AND PROCESS FOR THE PREPARATION THEREOF

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

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(72)**Name of Inventor :**
1)CHARU GUPTA
2)DHAN PRAKASH

(57) Abstract :
A novel herbal formulation to wash Fruits and Vegetables and proc&s for the preparation thereof The present invention relates to a novel herbal formulation for washing the fruits and vegetables and the process for the preparation of the same which acts as an effective germicide and cleans the hard food contact surfaces effectively. It does not destroy or alter the organic food by chemical oxidation. The herbal formulation essentially comprises of extracts obtained by process from whole plant of WoodfordiaJtuticosa (Dhai Phul), dried flowers of Mesua ferrea (Nag kesar), stem bark of Pterospermum acerifolium (Kanak champa), aerial parts of Murraya koenigii (Curry tree), aerial parts from Trigonella foenum graecum (methi), aerial parts of Trewia nudiflora (Pitali, Gutel) and marigold oil (Calendula officinalis) for fragrance. The extracts are mixed with suitable carrier base. This natural fruit and vegetable wash removes soiling, manures, fertilizers, waxes, herbicides, microbial load and pesticides from the surface of fruits and vegetables. The herbal formulation has no side effects and is suitable for external application. The herbal formulation is ecofriendly, biodegradable and may be used in different forms for application such as aqueous extract, liquid or lotion.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1122/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MAKEUP REMOVAL COMPOSITION AND A METHOD OF PREPARATION THEREOF

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

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(72)**Name of Inventor :**
1)HARSHA KHARKWAL

(57) Abstract :
The present inventions relates to novel cosmetic compositions for removing makeup from the skin consisting of cosmetically acceptable vehicle or carrier comprising a fatty phase and an aqueous phase, and further comprises a novel acid stable self emulsifying agent and a vitamin complex. The novel make up remover composition comprising gum ghatti, dhaincha gum, Grandis ether Glycerol Monostearate (GEGMS) and grandis isopropyl mystirate (CIM) along with additives which not only removes make up but due to its skin hydration property also makes the skin look younger after each reuse and a method for the preparation of the same.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2013

(21) Application No.1233/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLANT EXTRACT BASED COMPOSITION USEFUL FOR LEISHMANIA PROMASTIGOTES

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

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(72)**Name of Inventor :**
1)PRADEEP DAS
2)ANIL KUMAR GUPTA

(57) Abstract :
This invention relates to a culture medium for cultivation of Leishmania promastigotes, comprising inorganic salts, organic constituents and peptone/ hydrolystate and at least one plant extract.

No. of Pages : 58 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013
(21) Application No.1389/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CORRUGATED SILICA MICROSPHERES FOR METAL FREE EPOXIDATION OF OLEFINS AND PROCESS THEREOF

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHUBHANGI BHALCHANDRA UMBARKAR
3)MOHAN KERABA DONGARE
4)PRAKASH CHANDRA

(57) Abstract :
The present disclosure provides a process for synthesis of 3-aryl-2-hydroxy propanoic acid derivatives of formula (S)-l. Wherein Ri represents H or (CrC5) alkyl groups and R2 represents (CrC5) alkyl groups

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2013

(21) Application No.1061/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN ALOE VERA BASED COMPRESSED FOOD BAR COMPOSITION AND A PROCESS FOR PREPARATION THEREOF

(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 :
Filed on :01/01/1900
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SARITHA, VIJAYAN
2)ANILKUMAR, KANDANGATH RAGHAVAN
3)JAYATHILAKAN, KIZHARKKEDATH
4)KHANUM, FARHATH

(57) Abstract :
The present invention provides an Aloe vera based compressed food bar composition comprising rice flakes, roasted and broken wheat, Bengal gram, green gram, Oats, skim milk powder, amchoor powder, desiccated coconut, powdered sugar, honey, date syrup, cardamom powder, cashew nut, raisins, and Aloe vera lyophilized powder. The present invention also provides a process for preparing Aloe vera based compressed food bar composition which is shelf stable, cost effective and exhibits anti-ulcer activity. 23

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2013

(21) Application No.1144/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN EFFICIENT PROCESS FOR THE SYNTHESIS OF 2H - CHROMENES.

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AKKATTU THANKAPPAN BIJU
2)SACHIN SURESH BHOJGUDE
3)TRINADH KAICHARLA

(57) Abstract :
Disclosed herein the cost effective process for the synthesis of 2H-chromene compounds with good yields. Particularly the present invention relates to transition-metal free synthesis of 2H-chromene compounds of Formula-l characterized by coupling 2-trimethylsilylaryl triflates and a, 8 -unsaturated aldehyde under ambient reaction condition to ameliorate the yield of the desired 2Hchromenes.

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.1192/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED COIL ASSEMBLY FOR CONTROLLING CIRCUIT BREAKOUT IN A VACUUM MODULATOR

(51) International classification :B22D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KUMAR, AMARDIP
3)GOSWAMI, RAVI
4)KUMAR, ABHISHEK

(57) Abstract :
The present invention relates to an improved coil assembly for controlling circuit breakout in a vacuum modulator. More particularly, this invention relates to a method of controlling Negative Temperature Coefficient (NTC) thermistors point breakage through an improved coil assembly wherein the improvement comprises modification of design by addition of wire routing points in the bobbin of the vacuum modulator or electronic vacuum regulation valve (EVRV) in a motor vehicle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.1193/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRONIC UNIT FIPS TO IMPROVE ENGINE PERFORMANCE.

(51) International classification :H04L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHAKTI KUMAR SINGH
3)CHETAN SHARMA

(57) Abstract :
This invention relates to electronic Unit FIPs to improve engine performance comprising of unit fuel injection system connected to a motor, which is attached with an electronic control unit (ECU) receiving engine current performance input from RPM sensor and throttle position sensor.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2013

(21) Application No.1293/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN INK COMPOSITION

(51) International classification :B41J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SRIVASTAVA, SHUBHI
2)USMANI, BELAL
3)PATIL, RITESH
4)HARINIPRIYA, S.

(57) Abstract :
An ink composition for printing on a substrate is disclosed. The said ink composition comprises a conductive material, ethyl cellulose as a binder; and a solvent selected from the group consisting of isoamylacetate and isoamylacetate- water mixture.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1391/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NEW PROCESS FOR THE PREPARATION OF AN ANTICONVULSANT AGENT PREGABALIN

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

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(72)**Name of Inventor :**
1)MUTHUKRISHNAN MURUGAN
2)MUJAHID MOHAMMAD

(57) Abstract :
An efficient synthesis of the anticonvulsant drug, Pregabalin is described using simple transformations in high enantiopurity (>99% ee) and overall yield of 45%.

No. of Pages : 14 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.1186/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FUEL FROM WASTE PLASTICS

(51) International classification :C10L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Waste plastics like HDPE,LDPE,PP,PS can be converted into fueli. The fuel recovered from the plastics was of high calorific value and yield was also around 92 to 96% of the plastic wastes taken. The fuel has a calorific value of around 10,500 cal/gm in case of HDPE,8278 cal/gm in LDPE and PS and around 8550 cal/gm in case of PP. which is comparable to the fuel oil and can be a good substitute for kerosene and diesel. Where as LDPE is Low density poly ethylene HDPE High density polyethylene PP Polypropylene PS Polystyrene

No. of Pages : 4 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2013

(21) Application No.1279/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GENERAL CLASS CARRIAGE FOR RAILWAY COACH

(51) International classification :B61D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SISODIA TUSHAR
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1)SISODIA ANKIT KUMAR
2)SISODIA HARSHI
3)SISODIA TUSHAR

(57) Abstract :
The present invention relates to a general class carriage of a railroad passenger train. The general class carriage (1) comprises sidewalls (2) and four columns (3a,3b,3c,3d) of longitudinal arranged berths; the berth comprises of upper berths (40) and lower berths (30). Every two upper berths (40) are joined with an iron sheet (36) and other two iron sheets (47), while the upper berth back (43, 46) is joined with the back rail (42) of every upper berth (40) thereby making an open-plan upper compartment (44). The open-plan upper compartment (44), first side is associated to the sidewalls(2) and the second side is supported by vertical pipes (2 8,29).

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/05/2013

(21) Application No.1332/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEHYDRATED SQUID MEAL AND A METHOD OF PREPARING THEREOF

(51) International classification :G01R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GOYAL ANSHUL

(57) Abstract :
This invention relates to a novel dehydrated squid meal and process for manufacturing the same. The present invention uses raw materials which are most suitable for the marine creatures. It contains all the required content for the marine creatures particularly fish and shrimps and for Poultry Industries. The invention comprises of totally natural contents and fully automated process for manufacture of the marine feeds.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1386/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RENEWABLE AND DEGRADABLE POLYACETALS

(51) International classification :A01L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SAMIR HUJUR CHIKKALI
2)BHAUSAHEB SHIVAJI RAJPUT

(57) Abstract :
The present invention discloses isohexide based compounds and their polymers which are derived from renewable resources and are potentially degradable. Also disclosed herein is the synthesis of isohexide based monomers and their polymers from renewable resources which are potentially degradable. Further, the present invention disclose a process for the synthesis of isohexide based copolymers via copolymerization of isohexide based monomers and long chain diols, which are degradable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1387/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ACIDIC IONIC LIQUIDS CATALYZED DEPOLYMERIZATION OF LIGNIN

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SANDIP KUMAR SINGH

(57) Abstract :
The present invention discloses a process for depolymerization of lignin to yield substituted phenolic monomers (molecular weight <300) using Bronsted ionic liquid as catalyst under mild reaction conditions to obtain an overall yield of monomers up to 97%.

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1388/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL PROCESS FOR THE PREAPARATION OF 3-ARYL-2-HYDROXY PROPANOIC ACID DERIVATIVES

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present disclosure provides a process for synthesis of 3-aryl-2-hydroxy propanoic acid derivatives of formula (S)-l. Wherein Ri represents H or (CrC5) alkyl groups and R2 represents (CrC5) alkyl groups

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2013

(21) Application No.1059/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD AND SYSTEM FOR DETECTING COMMUNICATING DIGITAL DATA OF A CELLULAR COMMUNICATION NETWORK

(51) International classification :G01D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RITURAJ KUMAR
2)UMESH MADHAV DATE

(57) Abstract :
Embodiment of the present disclosure provides system and method for code detection during transmission of digital data over a voice channel of a cellular communication network. The method comprises processing input signals in smaller windows, detecting start of each mark. Also, the method comprises dividing input signal into multiple processing windows, determining mean and standard deviation of signals that are processed using windows and then measuring variation in values of standard deviation to detect start of mark. Thereafter, performing filtering on each of the detected start of mark, to detect the frequency component present in the mark and then deducing the value of code sent by the transmitter.

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

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

(21) Application No.1080/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR INDUCING CONFORMATIONAL ALTERATIONS IN THERMOMYCES LANUGINOSA LIPASE

(51) International classification :C12N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)AHMAD, AQEEL
5)KHAN RIZWAN HASAN
6)KUMAR, MANISH

(57) Abstract :
The present invention relates to a novel inethod for inducing conformational alterations in Thermomyces lanuginosa lipase by incubating with buffers of varying pH. The therinostability checked in temperature range of about 20°C-90°C.

No. of Pages : 30 No. of Claims : 6

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

(21) Application No.1175/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RADIO FREQUENCY COMMUNICATION TRIGGERED BY ON CHIP INTEGRATED BIOMETRIC SENSING FOR IDENTIFICATION

(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

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(72)**Name of Inventor :**
1)ABHISHEK AVINASH GUNE
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3)MANAV GARG

(57) Abstract :
The working of our product comprises of the interaction between three main componentsbiometric sensor (along with processor and memory), active RFID tag and the RFID reader. The biometric sensor is used to match the fingerprint of the user and produce a necessary action. The fingerprint of the user is first stored in the memory (SDRAM/EEPROM/SDCARD) by setting the Reset pin of the processor to 1 (high) and enabling the write signal of the processor. This process ensures that the fingerprint of the user is stored in the memory which will now act as a matcher to verify the fingerprints in the future. Thus the biometric sensor will now pass the received input to the processor which will then compare it with the template stored in the memory. If both the samples match, then the LED bulb glows and the active RFID tag is enabled, otherwise the process is halted. The active rfid tag then generates the electromagnetic signal (frequency approximately 2.4GHz) which is received by rfid reader and the attendance is recorded.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2013

(21) Application No.2318/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : 4-ARYL/HETEROARYL-(1,3)-DIAZEPINO[4,5-B] INDOLE-2 (10H)-ONE AND DIAZEPINO [4,5B] INDOL-2 (10H)-IMINE COMPOUNDS AND PROCESS FOR PREPARATION THEREOF

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
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(62) Divisional to Application Number :NA
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3)DR. KUNAL NEPALI
4)MR. SAHIL SHARMA
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1)DR. PREET MOHINDER SINGH BEDI
2)MS. CHARANJEET KAUR
3)DR. KUNAL NEPALI
4)MR. SAHIL SHARMA

(57) Abstract :
The present invention relates to novel substituted 3-aryl-pyridazino[3,4-b]-indoles as constrained chalcone analogues. Also, the present invention provides a process for preparation thereof. Pyridazino [3,4-b] indoles namely AZC(a-g) of present invention are synthesized via a sequence of reactions starting from base catalysed condensation of isatin and differently substituted acetophenones. The attack of generated carbanions from acetophenones at C-3 of isatins yields 3-hydroxy-3-(2-oxo-2-aryl/heteroaryl-ethyl) 1,3-dihydro-indol-2-one. The reaction works smoothly with electronically and sterically diverse acetophenones i.e acetophenones substituted with electron withdrawing and electron donating groups, acetyl naphthalenes as well as heteroaryl ketones. The condensed products are then dehydrated followed by acetylation at NH of isatin, to increase the reactivity of the carbonyl group at 2nd position. The acetylated products are then refluxed with hydrazine hydrate in glacial acetic acid to yield the desired products.

No. of Pages : 23 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2013

(21) Application No.1072/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL INTERMEDIATES, THEIR PROCESS AND USE IN PREPARATION OF SELECTIVE A1-ADRENOCEPTOR ANTAGONISTS

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SINGH, Gurpreet
2)GANGWAR, Kuldeep Singh
3)BHASHKAR, Bhuwan
4)KUMAR, Anil

(57) Abstract :
The present invention provides novel indoline compounds, derivatives of Formula 1 and salts thereof; which can be effectively used for the preparation of a1-adrenoceptor antagonists, Silodosin and its pharmaceutically acceptable salts.

No. of Pages : 39 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2013

(21) Application No.1254/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DESIGN OF PRESSURIZED NORMOBARIC HATCHERY TECHNOLOGY FOR POULTRY EGG HATCHING

(51) International classification :A01K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)AHMED, MANJUR UDDIN
6)GOGOI, DEEPAK
7)DESHMUKH, PRAMOD BHAGWANT RAO
8)BISWAS, AVISHEK
9)YADAV, RAGHUNATH

(57) Abstract :
The present invention provides a pressurized normobaric hatchery technology for poultry egg hatching where the air pressure and ventilation, temperature, relative humidity, oxygen and carbon dioxide concentration is artificially maintained during the incubation period, very essential for egg hatching at high altitude. The pressurized normobaric hatchery technology for poultry egg hatching, comprises an enclosure including a roof and sides defining a main hatchery chamber (25) having spaced portions for storing, supporting and incubating eggs supported by trays, said main hatchery chamber (25) being made of hollow metal sheet filled with an insulating material and having a closable opening adapted for loading eggs into the main hatchery chamber (25), the opening being adapted to be hermetically sealed with a door hinged to the main hatchery chamber (25), and an environmental control and ventilation system section, disposed within the apparatus, to control the temperature, humidity, oxygen concentration, carbon dioxide concentration, air pressure and ventilation of the main hatchery chamber (25).

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2013

(21) Application No.1310/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED COMPOSITION FOR COATING ANODIZABLE METAL SURFACES AND A PROCESS OF COATING THE SAME

(51) International classification :H01L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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(72)**Name of Inventor :**
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2)NIRMAL KUMAR
3)KALIDINDI RAMA CHANDRA SOMA RAJU
4)VENKATESHWARAN UMA

(57) Abstract :
The invention relates to an improved composition for coating anodizable metal and their alloys, and a process of coating the same. It provides corrosion protective coatings with self-healing property on anodizable metals such as aluminum, aluminum alloy, magnesium or magnesium alloy. The process comprising of electrolyzing in a reaction chamber (1) containing sol, immersing at least two bodies, one the substrate (2) on which coating to be applied and the other counter graphite electrode (3) of the same dimensions immersed in electrolyzing sol (4).The bodies are connected to the electric power consol (5) passing a direct current across by means of +ve and -ve supply for a period based on the desired thickness to be achieved and a dip coating device for automatically immersing both the bodies into the reaction chamber and withdrawing at speeds varying from 1 mmls - 10 mmls as required for the satisfactory coating process.

No. of Pages : 30 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2012

(21) Application No.2502/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR SEPARATING AROMATICS AND REMOVAL OF SULPHUR COMPOUNDS FROM HRART CUT OF CATALYTICALLY CRACKED GASOLINE

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)NAUTIYAL BHAGAT RAM
4)SUNIL KUMAR
5)GHOSH PRASENJIT
6)NISHA
7)YADAV POOJA
8)JAGDISH KUMAR
9)TIWARI MANISH
10)RAO MEKA RAJA GOPALA
11)MURTHY NAGARATHINAM SHENBAGA

(57) Abstract :
The present invention provide an improved extractive distillation (ED) process wherein a hydrocarbon feed containing a mixture of aromatics, olefinic, diolefinic and other non¬aromatic hydrocarbons along with impurities like chloride and oxygenates i.e. stream of catalytically cracked gasoline is contacted with an aromatics selective solvent mixture comprising NMP based solvent in admixture with additives as extraction solvent in an ED column to produce an aromatics rich bottom (extract hydrocarbons) and an aromatics lean raffinate hydrocarbons with ultra low sulfur gasoline (ULSG). The solvent mixture is added to the top of the ED column and the feed mixture is added at a point on the ED column that is lower than the point where the solvent mixture is added. Extractive distillation is performed, and the aromatic and non-aromatic hydrocarbons are separated. Accordingly in the present invention the di-olefins present in the said feedstock i.e. catalytically cracked gasoline plays a very important role and leads to gum formation with most of the solvents except the solvent mentioned in the present invention.

No. of Pages : 30 No. of Claims : 17

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

(21) Application No.1085/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NATURAL MOSQUITO REPELLENT LOTION FORMULATION AND A PROCESS FOR THE PREPRATION THEREOF

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

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2)PRANAB KUMAR TALUKDAR
3)BIPUL RABHA
4)INDRA BARUAH
5)VIJAY VEER

(57) Abstract :
A stable herbal formulation/ composition for topical application on exposed body parts to repel mosquitoes/ insects and get rid of mosquito/ insect bites, wherein said repellent formulation/ composition has enhanced persistency and uniform spreading comprising a synergistic combination of essential oils of Curcuma aromatica and/or Zanthoxylum limonella in selective levels together with rice bran oil as the carrier/base oil. 23

No. of Pages : 23 No. of Claims : 12

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

(21) Application No.1109/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLOW MIGRATION BETWEEN VIRTUAL NETWORK APPLIANCES IN A CLOUD COMPUTING NETWORK

(51) International classification :G01R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ALICHERRY, Mansoor
2)ANAND, Ashok
3)PREETH CHANDRABOSE, Shoban

(57) Abstract :
Methods and systems for flow migration between virtual network appliances (VNAs) in a cloud computing network are described. A network appliances managing architecture (108) for migrating flow between VNAs comprises a controller (116) to receive performance data for a VNA (106) and analyze the performance data to determine whether the VNA (106) has a weak performance status, where the weak performance status corresponds to any one of an overloaded, an under-loaded, and a failed status. The network appliances managing architecture (108) further comprises a classifier (114) to receive a flow migration request from the controller (116) for migrating one or more flows of data packets from the VNA (106) based on the analyzing. The classifier (114) further identifies an active VNA (106) for flow migration based on a predetermined mapping policy and migrates the one or more flows from the VNA (106) to the at least one active VNA (106).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013

(21) Application No.1270/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL SYSTEM AND MECHANISM FOR LOCKING STEERING WHEEL OF AN AUTOMOBILE

(51) International classification :B62D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAVI RANJAN

(57) Abstract :
A novel system and mechanism for locking steering wheel of an automobile This invention relates to a simple mechanism lock the steering wheel of the \. that eliminates the need of antitheft device. The current mechanism consists of rack and pinion arrangement, compact electro-hydraulic actuator and central locking automobiles. In this process locking of the steering wheel comprising two electro-hydraulic actuators which are fixed close to rack and pinion setup and restrict pinion movement .Actuators are used to allow and restrict the meshing of rack gears with pinion gears.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013

(21) Application No.1271/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN INSECTICIDAL EXTRACTS/COMPOSITION DERIVED FROM RAUVOLFIA TETRAPHYLLA AND ITS METHOD OF PREPARATION THEREOF

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

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(72)**Name of Inventor :**
1)RITI THAPAR KAPOOR

(57) Abstract :
An insecticidal extracts/composition derivedfrom Rauvoljia tetraphylla and its method of preparation thereof The present invention relates to the methanolic root extracts of Rauvolfia tetraphylla can be utilized in development of bio- insecticides to control the population of Musca domestica as safer and eco-friendly alternative to the synthetic pesticides, where insects develop resistance against them and it seems to be suitable candidate for cornmerciali-zation. The phytochemical analysis of methanolic root extracts of Rauvolfia tetraphylla indicated that it contains several biologically active compounds such as alkaloids, terpenoids, phenolic compounds, saponins, tannins and flavonoids.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.308/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL SYSTEM AND METHOD FOR EFFICIENT COOLING OF BRAKE DISC AT HIGHER SPEED

(51) International classification :F28C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)R.K. TYAGI
2)ROHIT KUMAR
3)KARTIK PANCHAL

(57) Abstract :
The present invention relates to a novel system and method for efficient cooling of brake discs even at higher speed. It comprises solenoid valves, air reservoir, convergent-divergent nozzle and super chargerlturbocharger. The compressed air from the reservoir is impinged on brake disc by convergent-divergent nozzle. The opening and closing of air flow is controlled by the solenoid valve. The super chargerlturbo charger is used to generate compressed air. The present invention enhances the heat transfer coefficients at the disc surface quite considerably, independently of disc design, so that the disc construction may be optimized for strength, weight and stiffness. The life and effectiveness brake pad is also enhanced by cooling.&

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2013

(21) Application No.1065/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTOMATIC INCUBATOR WITH SYSTEM FOR OPTIMIZING GROWTH CONDITIONS OF NEW STRAINS OF MICRO ORGANISMS

(51) International classification :A61G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Narula Udit
2)Sekhon Ujjal Didar Singh

(57) Abstract :
The present invention provides an automatic incubator with makes use of high resolution camera only to observe the cell growth and further makes use of a system embedded software to count the number of cells at various conditions. Various permutations and combinations of conditions required for optimum growth are performed with the help of embedded software itself and the incubator automatically sets these conditions one by one, without need of manual interface. Based on the growth and yield results achieved by each culture condition, automatic calculation of the best conditions at which maximum growth of cells is observed, is carried out inside the incubator. Hence the incubator is automatically optimized for a particular strain or micro organism to the precision of 0.1 unit.

No. of Pages : 24 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1111/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL APPROACH IN THE DESIGN OF ALL-SOLID-STATE-SUPERCAPACITOR

(51) International classification :A63D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MANOHAR VIRUPAX BADIGER
3)BIHAG ANOTHUMAKKOOL
4)ARUN TORRIS

(57) Abstract :
The present invention discloses all-solid-state supercapacitor (ASSP) with enhanced electrode-electrolyte interface which gives highest very high specific capacitance, areal capacitance and shows very low internal resistance (ESR). The invention particularly discloses the fabrication of all-solid-state supercapacitor by intercalation of solid state polymer electrolyte inside the conducting porous substrate coated with a charge storage electrode material to achieve the desired effect.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2013

(21) Application No.1378/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HERBICIDAL COMPOUNDS

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(51) International classification :A01N
(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

(57) Abstract :
The invention relates to pyrrolone compounds of the formula (I) wherein X, Rb, Rc, R1, R2 and R3 are as defined in the specification. Furthermore, the present invention relates to processes and intermediates for making compounds of fomriula (I), to herbicidal compositions comprising these compounds and to methods of using these compounds to control plant growth.

No. of Pages : 97 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013

(21) Application No.138/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MINERAL ENRICHED COMPOSITIONS AND PROCESS FOR PREPARING THE SAME

(51) International classification :C10K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAJEEVA KUMAR RAI

(57) Abstract :
The present invention relates to a calcium enriched composition having high calcium content wherein free calcium is present in between the range of 41- 44 % w/w and a process for its preparation from natural sources like shells, conchs etc. The natural calcium composition comprises of calcium citrate present in between the range of 25- 26 % w/w, calcium ascorbate present in between the range of 0.1- 0.13 % w/w and calcium carbonate present in between the range of 74-75 % w/w.

No. of Pages : 26 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2012

(21) Application No.3348/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HANDLE AND METHODS FOR MAKING AND USING THE SAME

(51) International classification :A47J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)VENKATESHA NARAYANASWAMY

(57) Abstract :
In an embodiment, a handle comprises: a neck; and a body portion extending from the neck, wherein the body portion comprises a comer portion extending from the neck, an arm extending from the comer portion, and greater than or equal to two hold portions extending from the arm. In an embodiment, a method ofmaking the handle comprises: melting a polymer to form a melt; injecting the polymer into a cavity to form the handle comprising a neck; and injecting nitrogen gas into the melt through a gas injection pin as the melt begins to solidify; pushing the melt to the extremities of the cavity; cooling the melt; venting the nitrogen gas; opening the mold; and ejecting the handle.

No. of Pages : 48 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/05/2013

(21) Application No.1307/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED SYNTHESIS OF ANTI-PARKINSON AGENT

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MUTHUKRISHNAN MURUGAN
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(57) Abstract :
The present invention relates to an improved process for synthesis of anti-Parkinson compound of formula (I) from commercially available (R)-benzyl glycidyl ether, wherein the compound obtained has enantiopurity greater than >98%.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2013

(21) Application No.1366/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRICAL CONTROL OF AUTOMOBILES.

(51) International classification :B62D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
This invention make to drive of automobiles safly and more easy it works by moter and magnet.

No. of Pages : 3 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/08/2012

(21) Application No.2495/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GRAND REGULATOR ANALOGUE WALL CLOCK WITH 24 HOUR TIME DISPLAY

(51) International classification :A61M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Present day analogue wall-clocks available in the market display time from 1 to 12 hours through three hands, viz. hours, minutes and seconds. With the advent of digital timekeepers, the format of time used for most daily activities is a 24 hour format, with all public activities including transport using the same. Thus users of wall clocks need to mentally convert the time from 12 hour to 24 hour format, while they are still more comfortable reading time in a 12 hour format. The proposed innovation is a special dual 12 and 24 hour time display for the common wall clocks, achieved through a special mechanism of gears, to take care of above mentioned lack in current wall clocks.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2012

(21) Application No.3357/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A LOW POWER MECHANISM FOR KEYWORD BASED HANDS-FREE WAKE UP IN ALWAYS ON-DOMAIN

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PANKAJ PAILWAR

(57) Abstract :
A low power keyword based speech recognition hardwarcrchitecture Tor hands free wake up of devices is provided. This system can be used in always ON domain for detection of voiceactivity, due to its low power operational ability. The system goes into deep low power state by deactivating all the unrequired processes, if no activity is detected for a pre-specified time. Upon detection of the valid voice activity the system searches for the detection of the spoken keyword, if the valid keyword is detected, all the application processes are activated and system goes into full functional mode and if the voice activity doesnt conatain the valid keywordpresent in the database then system goes back into the deep low power state.

No. of Pages : 30 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.3358/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : KRISHAK-A MINI TRACTOR

(51) International classification :B61G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TUHIN SRIVASTAVA
2)SAURABH CHOWDHARY

(57) Abstract :
The invention discloses a mini tractor having two large rear wheels, two small front wheels, a driver seat assembly, a steering assembly, a pair of front lighting elements, and a pair of tail lighting elements, a chassis assembly for providing support to various functional units, a power flow assembly for delivering power, a dynamic front lighting assembly for turning the front lighting elements in mechanical synchronization with the turning front wheels, the front lighting assembly coupled to the steering assembly through a drag link, a flexible tail lighting assembly for increasing scope of the tail lighting elements, the tail lighting assembly connected to the upper guard of the real wheels, a braking assembly for engaging mechanical brake on the wheels, and a plurality of oil chambers separately for different functional units.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1113/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYNTHESIS OF PSEUDO INDOXYL DERIVATIVES VIA SEQUENTIAL CU-CATALYZED SNAR AND SMALLEY CYCLIZATION

(51) International classification	:C07D	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH**
(32) Priority Date	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA Delhi India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)VENKATA RAMANA CHEPURI**
Filing Date	:NA	**2)YOGESH MANSUKHABHAI GORIYA**
(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 patent discloses novel 2,2-disubstituted 1,2-dihydro-3H-indol-3-ondeer ivatives and their preparation thereof.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2013

(21) Application No.1225/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STABLE AMORPHOUS TIGECYCLINE

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RANBAXY LABORATORIES LIMITED
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(72)**Name of Inventor :**
1)ASHWANI KUMAR SINGH
2)AMIT SHARMA
3)RAM CHANDER ARYAN

(57) Abstract :
The present invention provides stable amorphous tigecycline, a process for its preparation, a pharmaceutical composition comprising it, and its use for the treatment of i complicated skin and skin structure infections, complicated intra-abdominal infections, and community-acquired bacterial pneumonia.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013

(21) Application No.1275/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : UNIVERSAL POWER HARNESSING MECHANISM FOR DEBOUNCING OF BUTTON, HOST CHARGING AND WIRELESS TRANSMISSION

(51) International classification :H03K
(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)VERMA ABHINAV S.
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(72)**Name of Inventor :**
1)VERMA ABHINAV S.

(57) Abstract :
A piezoelectric element is placed under the button hence so that when the button is pressed the element generates energy. This energy is instantly processed and stored in a capacitor. While the button starts moving to back to its initial (non-pressed) state, the capacitor no longer is being charged and starts discharging to power ON the microcontroller unit (MCU) within few micro seconds. Microcontroller unit (MCU) checks the combination of input ports set to OFF as each button is wired to different set of input ports while the button is just a few micrometers above the contact and already completed with the process of bouncing.This setup ensures no power being needed to judge the button press while effectively removing the bouncing issue also making the device (keyboard, buttons etc.) not only bouncing free but also self-generative.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013

(21) Application No.1276/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR QUALITATIVE AND QUANTITATIVE ANALYSIS OF FIRE RETARDANT FABRIC

(51) International classification :G01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TEGGINAMATH KOTRESH
2)RAVI GURUPADAIAH REVAIAH
3)TOPENAHALLI SHANMUKHAPPA RAGHU
4)RAMA KRISHNA INDUSHEKAR
5)VINOD CHIDAMBAR PADAKI

(57) Abstract :
The present disclosure provides a methodology for the qualitative and quantitative analyses of components of Fire Retardant (FR) fabric made of three components namely (1) meta aramid or poly meta phenylene isophthalimide, (2) para aramid or poly para phenylene terephthalimide along with (3) antistatic component (poly Hexa methylene adipamide) in various concentrations.

No. of Pages : 33 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2012

(21) Application No.3370/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVELOPMENT OF CEFPODOXIME BIO-NANOPARTICLES FOR PULMONARY DELIVERY USING A NOVEL BIO-NANOCARRIER FROM SOLANUM MELONGENA

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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)N.V. SATHEESH MADHAV

(57) Abstract :
The current invention explores the method for preparing Cefpodoxime nanoparticles using a nanocarrier isolated from edible source Solarium melongena(SM). The biopolymer was isolated from the fruit pulp of Solarium melongena belonging to the family Solanacea and studied for its physico-chemical properties in order to confirm its polymeric nature. The biopolymer was used as a nano-carrier for formulating Cefpodoxime nanoparticles. The nanoparticles were prepared by incorporation of a Sorbitol into the mixture of drug and polymer in different ratios followed by addition of water and subjected for sonication there of. The nanocarriers showed devoid of Pulmonary irritancy and compatible with drug and the nanoparticles showed a significant prolongability in drug release over a extended period of 36 hrs. This nano Cefpodoxime particles are used for Pulmonary delivery.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2012

(21) Application No.3371/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DESIGN OF FELODIPINE SELF NANOEMULSIFYING DRUG DELIVERY SYSTEM

(51) International classification :A47J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)N.V.SATHEESH MADAV
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(72)**Name of Inventor :**
1)N.V.SATHEESH MADAV

(57) Abstract :
The current invention explores a method for formulating felodipine bio self nanoemulsifying drug delivery system which was prepared by a novel bio emulsifier isolated from cajanas cajan and subjected for its characterization for its physico chemical properties and spectral data in order to confirm its polymeric nature .Felodipine self nano emulsifying drug delivery system was prepared by incorporating felodipine into vegetable oil followed by addition of co-surfactant and lactose in order to solidified the system .The SNEDDS were subjected for evaluation parameters and showed good dispersibility in the acidic media and the formulation also displayed significant retardation in the release for the extended period of 32 hours.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/04/2013

(21) Application No.1196/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL EGR FLOW WITH INLINE PUMP IN TURBOCHARGED ENGINE TO IMPROVE THE ENGINE PERFORMANCE IN TRANSIENT CONDITIONS.

(51) International classification :F02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VIKAS DHIMAN
2)SHAKTI KUMAR SINGH
3)CHETAN SHARMA
4)KRATIKA GUPTA

(57) Abstract :
This invention relates to a system in Turbocharged engine to improve the engine performance in transient conditions comprising a neutral connecting ignition switch to a motor, wherein a relay is provided between the ignition switch and said motor. It is associated with the following advantageous features:- - Control of EGR valve in free acceleration of engine. - Reduction of formation of smoke due to EGR. - Reduction in the visible free acceleration smoke of vehicle. - Improvement in the performance during idling.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2013

(21) Application No.1355/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VEHICLE TRACKING AND SECURITY SYSTEM

(51) International classification :G08B
(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)PADMINI VNA MECHATRONICS PVT. LTD.
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(72)**Name of Inventor :**
1)BHANDARI, KABIR
2)KUMAR, RISHI
3)GUPTA, DINESH
4)BEHERA, CHTTARANJAN
5)PANDEY, AKASH
6)ATTRI, KAPIL

(57) Abstract :
The present invention relates to a method and system for automatic vehicle tracking in a motor vehicle. More specifically, the invention relates to an overall security, monitoring, tracking, and sensing system for a vehicle. The present invention provides an intelligent device and system that can track or monitor the vehicle in real time irrespective of device being tampered or removed.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2013

(21) Application No.1356/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR ADAPTIVE ANTI-PINCH WINDOW LIFT CONTROL

(51) International classification :E06B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KUMAR, RISHI
3)GUPTA, DINESH
4)BEHERA, CHITTARANJAN
5)PANDEY, AKASH
6)ATTRI, KAPIL

(57) Abstract :
An adaptive anti pinch window lift control system comprising: a) a microcontroller unit; b) a multiplexer for sensing various analog switch inputs to control circuit; c) a digital input sensing circuit; d) a battery monitoring circuit; e) a regulated Power supply with reverse polarity protection, overvoltage and undervoltage protection; f) motor driving unit through relays drivers; g) a reversible DC motor electrically coupled to the drive circuit; h) a counter electromotive force sensing circuit coupled to the motor driver circuitry; i) a motor ripple detection circuit coupled to the motor driver circuitry; wherein: the said microcontroller unit is coupled to the said motor driving unit, such that it controls the said motor driving unit and automatically reverses the direction of the motor in response to the occurrence of obstacle in window; the said counter electromotive force sensing circuit is coupled to the said motor driver circuitry such that the said control unit detects drive current and a ripple detection force for exact window position without any external sensor; and the system detects the obstacle and execute anti pinch action by reversal of motor by counting back EMF pulses.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2013

(21) Application No.1357/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TWO STAGE ENZYME ASSAY FOR DETECTION OF LISTERIA MONOCYTOGENES IN MILK PRODUCTS

(51) International classification :C12Q
(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)INDIAN COUNCIL OF AGRICULTRUAL RESEARCH (ICAR)
Address of Applicant :KRISHI ANUSHANDHAN BHAWAN, DR. RAJENDRA PRASAD BHAWAN, NEW DELHI-110001, INDIA Delhi India
(72)**Name of Inventor :**
1)BALHARA; MANDEEP
2)KUMAR NARESH
3)THAKUR GEETIKA
4)VISHWESWARIAH, RAGHU, HIRIKYATHANAHALLI
5)KUMAR VINAY
6)LAWANIYA RAMAKANT
7)KHAN; ALIA
8)SHABNAM

(57) Abstract :
The present invention relates to the development of spore based assays for rapid detection of Listeria monocytogenesemploying combination of specific marker enzymes and germinogenic substrates. The invention also provides selective media for enrichment, enumeration and identification of target organism i.e. L. monocytogenespresents in a test sample.The assay is highly rapid and sensitive as it enables the detection of 10±2.0 cfu/mL ofL. monocytogenes within 3.30±0.30 h after pre-enrichment of test sample in LSEM for 16.0 ± 1.0 h.

No. of Pages : 33 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2012

(21) Application No.3387/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MENTAL STRESS MONITOR

(51) International classification :A47J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)Jitesh Bhikabhai Parmar
(72)**Name of Inventor :**
1)Ankita Arora
2)Himanshu Jiteshbhai Parmar

(57) Abstract :
The present invention provides a bio-electronic device for detecting a stress in a living being. The device comprises of a sensing unit, a controlling unit and a coupling means. The sensing 5 unit comprises of at least one galvanic skin response sensor, is in band form worn on or attached to the living being through a velcro strip. The controlling unit is coupled to the sensing unit by the coupling means. The controlling unit comprises of a microprocessor, an inbuilt fed or preset value /data, LCD display, an alarm, an on/off button and a reset button.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2013

(21) Application No.1353/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A COUNTER BALANCE VALVE FOR LOAD INDEPENDENT FLOW/SPEED CONTROL IN LOWERING TO AVOID SLOW AND FAST DROPPING OF LIGHT AND HEAVY IMPLEMENTS

(51) International classification :G02F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SMRITI SINGH
2)LOVEDEEP SINGH
3)JAY GOVIND TRIVEDI
4)NEERAJ VIJ

(57) Abstract :
This invention relates to a counter balance valve for load independent flow/speed control in lowering to avoid slow and fast dropping of light and heavy implements comprising of an enclosure accommodating a spool at one end and a spring at other end, which is located between a wall and a stopper.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2013

(21) Application No.1354/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL WHEEL OF VEHICLE FOR REDUCING FAILURE OF THE WHEEL AT WELDING

(51) International classification :E05D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)S. KRISHNA KUMAR

(57) Abstract :
This invention relates to novel wheel of vehicle for reducing failure of the wheel at welding comprising of a knurling/groove at the rim inner periphery and at the disc flange outer periphery to provide grip therebetween and thereby diminishing torsional load acting at the welded area joining both rim and disc.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2012

(21) Application No.3186/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A BOTTLE WITH PUSH BUTTON CONTROLLED BASE.

(51) International classification :A47J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AMAR ARORA
2)VISHESH GARG

(57) Abstract :
The present invention relates to a dual bases bottle with a push button on the top of the bottle which controls the opening and closing of base and prevents mixing of water with solid particles which accumulate on the base. The bottle separates the water from the solid impurities like dust particles and this system is portable, easy to carry and can filter out the dust particle without mixing into water.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/10/2012

(21) Application No.3187/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN APPARATUS FOR INSTALLING AND PULLING OUT SUBMERSIBLE PUMP FROM BORE-WELL

(51) International classification :F01B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA
(72)**Name of Inventor :**
1)R.K. TYAGI

(57) Abstract :
The present invention relates to an apparatus for installing and pulling out a submersible pump from a bore well with the help of worm and worm wheel arrangement. The apparatus is located on a transportable base frame with the help of nut and bolt arrangement. A cable reel is wrapped on a wooden drum and the cable reel is centered over the bore well with the help of bracket which is mounted in platform frame. The present apparatus provides an easy installation and pulling out of pump which has been made fully automated as compared to manual installation which uses time and labor.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2013

(21) Application No.3342/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ˜A PROCESS FOR RECYCLING OF WASTE METALLIZED POLYESTER™™

(51) International classification :C08F
(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)Pranay Jain
Address of Applicant :M 147 Ground Floor Greater Kailash II New Delhi. 110048. India India
(72)**Name of Inventor :**
1)Pranay Jain

(57) Abstract :
The present invention relates to a process for converting the waste and used metalized polyester film into recycled polyester as a starting raw material for various utility products. Particularly the present invention provides a process for the manufacturing of high quality strapping or monofilament yarn or sheets from the recycled metalized polyester film.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.3422/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVELOPMENT PROCESS OF VENLAFAXINE NANOSUSPENSION USING NOVEL BIO-RETARDENT

(51) International classification :C12P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. N.V. SATHEESH MADHAV
2)MR. RAJ KUMAR
3)POOJA SHARMA

(57) Abstract :
The current invention explain a method for formulating venlafaxine loaded bionanosuspension and also explain the methodology for isolation of bio-nanocarrier fiom the fruit pulp of PyrusCommunis.The bio- polymer was isolated fiom h i t pulp by simplified economical process using a inorganic salt addition method. The nature of polymer was characterised by spectral study like IR, NMR, Mass for confirm its polymeric nature.Venlafaxinenanosuspension was prepared by using the isolated biopolymer as a nanocarrier and other co-process reagent using glycerine followed by wet sonication process for 5-6 cycles. The formulation were evaluated for its in-vitro release, particle size, shape, drug content.The results revealed that 90% formulation particles are nano size less than 200 nrn and displayed its significant retardence for a period of 36 hrs.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2013

(21) Application No.1265/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL DROSPHILA TUMOUR MODEL FOR SCREENING ANTI-CANCER DRUGS AND METHODS THEREOF

(51) International classification :G01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :DEAN, RESEARCH & DEVELOPMENT, ROOM NUMBER 151, FACULTY BUILDING, POST OFFICE: IIT KANPUR, KANPUR 208016, UP, INDIA
(72)**Name of Inventor :**
1)SINHA PROFESSOR PRADIP
2)BAJPAI, DR. ANJALI
3)MISHRA, DR. ARATI

(57) Abstract :
A novel Drosophila tumor model capable of screening target specific anti-cancer compounds by developing tumorous growths in larval lymph organ and presumptive adult somatic epithelia induced by aberration/ mis-regulation of specific cellular pathways caused by loss of tumor suppressor gene and thereafter suppressing the tumorous growths either by genetic manipulations or by exposures to anti-cancer compounds by blocking, down-regulating or compromising said aberrant signalling pathway. The present also provides a method for obtaining said novel Drosophila tumor model.

No. of Pages : 51 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2013

(21) Application No.1367/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SAVER OF ELECTRICAL SHOCKS

(51) International classification :E03D
(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)AMIT GURIA
Address of Applicant :S/O REWAT RAM GURIA KUMARON KA MOHALLA, LUNKARANSAR. 334603 BIKANER, RAJASTHAN India
(72)**Name of Inventor :**
1)AMIT GURIA

(57) Abstract :
This invention make to safe when the electric product have some mistakes. It some us from electric product. Because it cut electic supply to electric product when it has some falts. It also same electric product when the product is deffected.

No. of Pages : 3 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2012

(21) Application No.2740/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A THERMOSTABLE PEROXIDASE FROM BAEL [AEGLE MARMELOS (LINN.) CORREA AND A METHOD OF ISOLATION THEREOF].

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMITY UNIVERSITY
Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA
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2)RAJESH K. TIWARI
3)DIVYA
4)SHARIQ IQBAL
5)DEVESH SHARMA
6)SANYOG DWIVEDI
7)DEEPENDER KUMAR

(57) Abstract :
The present invention relates to a novel thermostable peroxidase from aerial parts of Bael [Aegle marmelos (Linn.)Correa] and a method of isolation thereof. The thermostable peroxidase isoform is purified using heat fractionation of homogenate, ammonium sulphate precipitation and gel permeation chromatography. The enzyme catalyzes reactions with many phenolic substrates with a visible colored product. It has the ability to catalyze reaction in a temperature range from 20°C to 80°C with loss of less than 20 % activity at 80°C in comparison to peak level. This thermostable peroxidase is a perfect agent to be used as a marker enzyme for tagging the antibody to be used in ELISA based detection system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012

(21) Application No.3128/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN ENVIRONMENT FRIENDLY GREEN TABLET PC.

(51) International classification :G06F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMITY UNIVERSITY
Address of Applicant :AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA
(72)**Name of Inventor :**
1)ANJU MISHRA
2)SHIVANG SHARMA
3)SARU DHIR

(57) Abstract :
The present invention relates to an eco-friendly, wireless, portable personal computer preferably tablet PC with a touch screen which does not require a constant electrical power source to charge its battery from time to time. The tablet includes almost 80 of the recyclable materials. The system comprises modules for self sustenance, windup charger and conversion engine along with the shoe prototype ensuring that the device obtains minimum runnable energy required by the tablet to function without the availability of any power source. The system also comprises an integrated solar regeneration panel to save the devices battery from running out. Light displays made of OLEDs, (organic light-emitting diodes) are utilized to reduce the wastage of power via illumination of the screen. The screen of the tablet runs on a mode with black background and uses text editors, which also works on same lines.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2012

(21) Application No.3129/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FOLDABLE LAPTOP STAND

(51) International classification :A47J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SURESH K. YADAV
2)ANJU SHARMA
3)GARIMA GUPTA
4)RAJNISH KUMAR

(57) Abstract :
The present invention relates to the lightweight, inexpensive foldable laptop stand that uses the flap attached to the bottom of the laptop stand that raises the laptop high enough to allow adequate ventilation for heat dissipation from under the laptop.

No. of Pages : 11 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.3428/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NETWORK RESOURCE ALLOCATION IN COMMUNICATION NETWORKS

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL-LUCENT
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(72)**Name of Inventor :**
1)KOHLI Karan
2)GUPTA Varun G

(57) Abstract :
The present subject matter discloses systems and methods for allocating network resources in a communication network. In one implementation the method for allocating network resources for a current call made by a subscriber comprises determining a previous actual usage parameter associated with the subscriber wherein the previous actual usage parameter is indicative of previous allocation of the network resources made to the subscriber for at least one previous call; retrieving a previous expected usage parameter associated with the subscriber wherein the previous expected usage parameter is indicative of expected usage of the network resources made by the subscriber for the at least one previous call; and computing a current usage parameter associated with the subscriber for a current allocation of network resources based on the previous actual usage parameter and the previous expected usage parameter. The method further comprises allocating network resources to the subscriber based on the computing.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.1044/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENERGY STORAGE SYSTEMS

(51) International classification :H02J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PRABHAVATHY, R.
2)JAISHANKAR, C.
3)SHANMUGANATHAN, U.
4)DOMINIC, S. M.

(57) Abstract :
Systems and methods of energy storage systems to provide voltage ride-through, during voltage sag are described. The described methods are implemented in energy storage system (104) comprising a stack of Ultra Capacitors (UCs) (303) coupled to the reverse power flow protection unit (302) and Active Voltage Balancing Unit (304). The energy storage system (104) provide surge energy to at least one load (106) during sag in DC voltage below a pre-determined level.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2013

(21) Application No.1091/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A MULTIFUNCTION DEVICE FOR MEASUREMENT AND DIRECT DISPLAY OF HEIGHT AND TIME OF FREE FALL WITH AUTO RANGING STOPWATCH.

(51) International classification :G04F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)OSAW INDUSTRIAL PRODUCTS PVT. LTD.
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(72)**Name of Inventor :**
1)AJAY SAGAR
2)DEEPAK SYAL

(57) Abstract :
A multifunction device for measurement and direct display of height and time of free fall with auto-ranging stopwatch. This invention relates to a multifunction device in the shape of a ball for measurement and direct display of height, time of free fall and stopwatch functioning in a single device comprising of a housing accommodating a microcontroller connected to free fall release detection and multi-axis impact detection device, wherein a plurality of switches are provided in connection with said microcontroller.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2013

(21) Application No.1249/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL PURIFICATION PROCESSES FOR STABLE WHITE DESLORATADINE

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SANJAY SURI
2)MADAN PAL TANWAR
3)NETAR SINGH
4)PARVENDRA SINGH

(57) Abstract :
The present invention relates to the novel industrially applicable & cost effective purification processes for highly pure & stable white Desloratadine.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.3413/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HYDRAULIC ANNULAR PISTON BRAKES WITH HYDRAULICALLY OPERATED SELF ADJUSTMENT AND RETURN MECHANISM FOR EARTH MOVING MACHINES

(51) International classification	:B60T
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUMIT JAIN
2)YASHPAL SHARAN

(57) Abstract :
This invention relates to an arrangement of self adjusting hydraulic brakes with piston return mechanism comprising of assembly of washer, bolt, screw, check valve, compensating piston, sealing O-ring and brake piston connected with a central housing. It is associated with the following advantageous features:- - Smaller size master cylinderl/braking device can be used for large scale application and multiple discs. - Actuation of system hydraulically. - Net piston travel remains constant without requiring any adjustment for brake wear. - Compact 8s easy to assemble with no shims required for initial volume setting. - No occurrence of drag leading to no rise of oil temperature & loss of power. - Increase in life and improvement in performance.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2012

(21) Application No.3563/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRIMARY EPITHELIAL CELL LINE FROM CERVICAL LAVAGE

(51) International classification :A61M
(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)INDIAN COUNCIL OF MEDICAL RESEARCH
Address of Applicant :V. RAMALINGASWAMI BHAWAN ANSARI NAGAR NEW DELHI-110029 Delhi India
(72)**Name of Inventor :**
1)ARUNA SINGH MITTAL
2)VIKAS VATS
3)TANVI AGRAWAL

(57) Abstract :
The invention describes an in vitro method for culturing equivalents of human primary cervical epithelial cells comprising the steps of (a) obtaining the suspensions of cervical epithelial cells from adult women by collecting the lavage sample after cleaning the cervix and maintaining the same in a medium at 4°C; (b) centrifuging the epithelial cell suspension at 2500 rpm for 10 minutes at 4°C; (c) eliminating the supernatant and obtaining the cellular residue that is constituted of equivalents of primary cervical epithelial cells; (d) treating the residue with antibiotic solution for 2 hours at 4°C; (e) washing the cellular residue by centrifugation at 1000 rpm with a medium (keratinocyte-SFM); (f) centrifuging the cellular residue obtained and again eliminating the supernatant and obtaining the cellular residue that is constituted of equivalents of primary cervical epithelial cells; (g) distributing the equivalents of primary cervical epithelial cells obtained in either into or multi-well culture plates or into 25 cm2 plastic culture flasks; (h) incubating the equivalents of primary cervical epithelial cells obtained in an incubation medium (keratinocyte SFM supplemented with r- epidermal growth factor and bovine pituitary extract) containing antibiotics in culture flask for 3-4 days; (i) changing the incubation medium after 3-4 days media and further incubating for 7-8 days; (j) obtaining a confluent monolayer after 7-8 days and (k) sub-culturing the equivalents of primary cervical epithelial cells.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/05/2013

(21) Application No.1278/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EVAPORATIVE AIR COOLING SYSTEM MOUNTABLE ON MOVING/ACCELERATRIY FRAMES

(51) International classification :F24F12/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FANI BHUSAN

(57) Abstract :
According to one embodiment a Vehicular Cooling System is provided for cooling at least one cabin in a vehicle comprising: at least one air inlet; a passage for directing air to upstream side of an evaporative bed and prevent spilling of inlet air with the outlet air; an impeller to pull the cool air from downstream side of the evaporative bed; and at least one water conduit for drenching the evaporative bed, wherein, a barrier slows down the inlet air and directs it to the upstream side of an evaporative bed. FIGURE 1

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2013

(21) Application No.1401/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR OBTAINING PHYTO ECDYSTEROIDS FROM WEEDS OF AMARANTHACEAE FOR THE SYNCHRONIZED MATURATION OF MULBERRY SILKWORM

(51) International classification :A01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CENTRAL SERICULTURAL RESEARCH & TRAINING INSTITUTE
(72)**Name of Inventor :**
1)DR. RASHMI
2)DR. PANKAJ TEWARY

(57) Abstract :
A process for obtaining phytoecdysteroids from plants of amaranthaceae family comprising collecting dried plant material; subjecting the dried plant material to the step of solvent extraction; removing solvent from the extract to obtain a residue; dissolving the said residue in boiling water; filtering the mixture to separate the residue.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2013

(21) Application No.1402/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL BIOADHESIVE BIODEGRADABLE NANOPARTICLES FOR CONTROLLED RELEASE DRUG DELIVERY SYSTEM

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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. SUSMITA MITRA
2)MS. GIZELLE SETHI

(57) Abstract :
The present invention relates to novel therapeutic nanoparticles for drug delivery systems and method of preparation thereof. Tliese therapeutic nanoparticles are designed for systeliica nd localized delivery of hydrophilic drug at ocular as well as mucosal surfaces. The present invention provides a novel biodegradable nanoparticles drug delivery system that comprises natural as well as synthetic bioadhesive polyniers. The novel nanoparticles are designed for regulated release of hydrophilic drugs. vaccines and any other therapeutic agent. These nanoparticles provide effective delivery of drugs without any side effects.

No. of Pages : 25 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/09/2012

(21) Application No.2767/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR SYNTHESIS OF BETA, GAMMA-UNSATURATED KETONES

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SANTOSH BABURAO MHASKE
2)MILIND MUKUND AHIRE

(57) Abstract :
The present invention disclose Pd/N-Heterocyclic carbene catalyzed one step process for synthesis of β,y-unsaturated ketones by direct acylation of Allylic Carbons with Aldehydes.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2013

(21) Application No.4070/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL BNC BASED ENVIROMENT SENSITIVE MEMBRANES

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)R R N SAILAJA
2)M V DEEPTHI

(57) Abstract :
Novel Bio-nanocomposite based Environment Sensitive Membranes and Method of Preparation for Same The present invention relates generally to the field of nanotechnology applications to the field of biological materials and is in particular directed towards a bio-nanocomposite based environment sensitive membrane and method of preparation for same.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2013

(21) Application No.4071/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL BNC BASED HMR ABSORBENTS AND METHOD OF PREPARATION FOR SAME

(51) International classification :C12P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)R R N SAILAJA
2)M V DEEPTHI

(57) Abstract :
Novel Bio-nanocomposite based Heavy Metal Removing Biosorbents and Method of Preparation for Same The present invention relates generally to the field of nanotechnology applications to the field of biological materials and is in particular directed towards a bio-nanocomposite based heavy metal removing biosorbents and method of preparation for same.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2013

(21) Application No.4072/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL BNC DERIVED ELECTROACTIVE BIOPOLYMERS & METHOD OF PREP FOR SAME

(51) International classification :C08F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MS. M V DEEPTHI OF TERI BANGALORE

(57) Abstract :
Novel Bio-nanocomposite derived Electroactive Biopolymers and Method of Preparation for Same The present invention relates generally to the field of nanotechnology applications to the field of biological materials and is in particular directed towards a bio-nanocomposite derived electroactive biopolymers and method of preparation for same.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2012

(21) Application No.3432/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF ISOXAZOLYL PENICILLINS

(51) International classification :C12P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GUJRAL Rajinder Singh

(57) Abstract :
The present invention relates to a process for the preparation of isoxazolyl penicillins from sugarcane juice. The invention focuses on in-situ synthesis of isoxazolyl penicillins without isolation of the intermediates like Penicillin G and 6-APA from the reaction sequence.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/11/2012

(21) Application No.3504/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL ANTICANDIDAL SULPHUR CONTAINING MOLECULE FROM EMERICELLA SP.

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PRAKASH SINGH BISEN
2)SHWETA MITTAL
3)DIVYA SHRIVASTAVA
4)SUMIT GOVIL
5)SHAILESH KUMAR

(57) Abstract :
A NOVEL ANTICANDIDAL SULPHUR CONTAINING MOLECULE FROM Emericella Sp. The invention describes a Sulphur containing anticandidal molecule with a general formula A isolated from a strain of Emericella Sp.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013

(21) Application No.6020/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GASIFICATION REACTOR

(51) International classification :C10J3/48,C10J3/78,F16K17/06
(31) Priority Document No :11150933.7
(32) Priority Date :14/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/050408
Filing Date :12/01/2012
(87) International Publication No :WO 2012/095475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KAR Ibrahim
2)SCHMITZ GOEB Manfred Heinrich

(57) Abstract :
A gasification reactor (1) comprising a gasifier (2) with a tubular gastight wall (3) arranged within a pressure vessel (9). The gasification reactor comprises one or more pressure responsive devices (20 21) comprising a sleeve (22 48) with a cooled section (24 50) extending outwardly from an opening (23 49) in the gastight wall. The pressure responsive devices can e.g. include a pressure measurement device (21) and/or a pressure equalizer (20). Method of using a pressure responsive device with such a gasifier (2) wherein a heat sluice is used formed by a sleeve (22 48) with a cooled section (24 50) extending outwardly from an opening (23 49) in the gastight wall.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013

(21) Application No.6021/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLAME ARRESTOR FOR PROCESS TRANSMITTER

(51) International classification :G01D3/08,G01D11/00,G01L9/00
(31) Priority Document No :13/065088
(32) Priority Date :14/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028913
Filing Date :13/03/2012
(87) International Publication No :WO 2012/125627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :12001 Technology Drive Eden Prairie Minnesota 55344 U.S.A.
(72)**Name of Inventor :**
1)PETERSEN Eric Paul

(57) Abstract :
A process transmitter for sensing a process variable includes a transmitter housing a sensor transmitter circuitry a passageway and a flame arrestor. The transmitter housing has an interior. The sensor is disposed within the interior senses a process variable of an industrial process and generates a sensor signal. The transmitter circuitry is disposed within the interior and connects to the sensor. The passageway is in communication with the sensor and extends through the interior of the transmitter housing. The passageway has a first cross sectional profile. The flame arrestor is positioned in the passageway. The flame arrestor has a second cross sectional profile different from the first cross sectional profile. The flame arrestor produces a path in an interior of the passageway having a smaller cross sectional area than that of the first cross sectional profile of the passageway.

No. of Pages : 26 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013

(21) Application No.6022/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AIRBAG DEPLOYMENT SYSTEM FOR A FABRIC WRAPPED VEHICLE INTERIOR PANEL

(51) International classification :B60R21/215
(31) Priority Document No :61/430746
(32) Priority Date :07/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020517
Filing Date :06/01/2012
(87) International Publication No :WO 2012/094614
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)COWELCHUK Glenn A.
2)SMITH Nels
3)SPRINGER Heather R.
4)JUREK Mark S.
5)BOZIO Ronald A.
6)SMITH Sandra L.

(57) Abstract :
An airbag deployment system is provided that includes a support structure (30) and a fabric material (28) configured to form a show surface of a vehicle interior panel. A first portion (46) of the fabric material is coupled to the support structure by a rigid connection a second portion (48) of the fabric material is coupled to the support structure by a detachable connection (50) and the detachable connection is configured to release the second portion of th fabric material from the support structure upon contact between an airbag and the fabric material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013

(21) Application No.6023/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GRINDING WHEEL

(51) International classification :B24D5/10,B24D5/00,B24D7/00
(31) Priority Document No :2010271118
(32) Priority Date :06/12/2010
(33) Name of priority country :Japan
(86) International Application No:PCT/JP2011/077523
Filing Date :29/11/2011
(87) International Publication No :WO 2012/077535
(61) 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 NTC LTD.
Address of Applicant :100 Fukuno Nanto city Toyama 9391595 Japan
(72)**Name of Inventor :**
1)MICHIYOSHI Kazunori

(57) Abstract :
A grinding wheel includes: a disc member (10); and an annular grindstone member (20) fitted on an outer peripheral surface (IOC) of the disc member (10), wherein the disc member (10) has a fluid-supply hole (12A) formed therethrough from a first side surface (10A) to a second side surface (10B) thereof, wherein the fluid-supply hole (12A) has an outlet opening (13) through an outer peripheral portion of the first side 10 surface (10A); and an inlet opening (14) which is open through the second side surface (10B) and which is disposed at an inner position the outlet opening (13) in a radial direction of the disc member (10), and wherein the second side surface (10B) is formed with an outer peripheral wall which is disposed at an outer position of the inlet opening (14) in a radial direction of the disc member (10) and projects along an outer peripheral 15 portion of the disc member (10). This construction enables the grinding fluid to be sufficiently supplied onto the grindstone member (20), and remarkably reduces a supply amount of the grinding fluid and generation of mist.

No. of Pages : 23 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2013

(21) Application No.1372/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HYDROPHILIC ORGANOSILANES

(51) International classification :D06M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DOW CORNING INDIA PRIVATE LIMITED
(72)**Name of Inventor :**
1)KAPOOR, Sandeep Virat
2)MILLER, Scott

(57) Abstract :
The present disclosure relates to a fiber comprising: anorganosilane having the formula: (R1)(3-n)(R2O)nSiR3O(CH2CH2O)a(C3H6O)b R4 wherein: n is 1 or 2; a = 1, b may vary from 0 to 30, with the proviso a=b; R1 is a hydrocarbon group containing 1 to 12 carbon atoms; R2 is hydrogen or an alkyl group containing 1 to 6 carbon atoms; R3 is a divalent hydrocarbon group containing 2 to 12 carbon atoms; and R4 is hydrogen, R1, or an acetyl group. The disclosure also relates to methods of improving at least one of the absorption of moisture, wet strength via anti-fibrillation, and pilling resistance of a surface comprising treating the surface with a composition comprising the aforementionedorganosilane. The present organosilane compositions may be useful for treating various surfaces to render them, among other things, more hydrophilic

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/05/2013

(21) Application No.1373/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DETERMINING THE MOST CREDIBLE VENDOR AT A DESIRED LOCATION

(51) International classification :E04C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Sandeep Venkatesh
2)Nitin Jagadish Kumar
3)Shreyas Srinivasa Balakuntala
4)Suresh Kumar KadalapanahalliRangashamaiah

(57) Abstract :
A system and method for, determining the most credible vendor at a desired location. The system is configured to allow consumers to post reviews about the vendors, on the social networking module. The system is configured to award credibility rating to consumers who have availed the services of the vendor and/or posted reviews about the vendor. Further, the system is configured to award a location score based on the relative location of the consumer and vendor. Using the values of credibility rating, location score among other factors, the system is configured to determine the credible vendor at a given location.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2012

(21) Application No.3369/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DESIGN OF CEFIXIME TRITYDRATE MOUTH DISSOLVING TABLETS USING A NOVEL BIO-DISINTEGRANT

(51) International classification :C12P,A61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)N.V. SATHEESH MADHAV

(57) Abstract :
The invention explains a novel method for isolating bio-polymer from Ananas comosus and which can serve as a bio-disintegrant for formulating Cefixime trihydrate mouth dissolving tablets. The bio-polymer was isolated from the Ananas comosus pulp by simplified economical process and optimized. The bio-polymer was screened for physicochemical and the spectra should revealed its inbuilt properties like Nanoparticles, Microparticles and Emulsions and the same properties were confirmed by designing suitable dosage formulation. Cefixime trihydrate mouth dissolving tablets was formulated using a novel biodisintegrant from Ananas comosus in varying ratios FA1 (1:0.2), FA2(1:0.4), FA3(1:1), FA4(1:4), FA5(1:5), FA6(1:10), FA7(1:15) and FA8(1:20) and the results were compared from standard formulation using Sodium starch glycolate i.e., FS1(1:1), FS2(1:4), FS3(1:5), FS4(1:10), and FS5(1:15), Croscarmellose sodium i.e. FC1(1:1), FC2(1:4), FC3(1:5), FC4(1:10), and FC5(1:15) and PVP K-30 i.e. FP1(1:1), FP2(1:4), FP3(1:5), FP4(1:10), and FP5(1:15). Bio-polymer exhibits promising significant disintegrating property and it can serve as a biodisintegrating agent for formulation of dispersible tablet and mouth dissolving tablets. KEY WORDS: Ananas comosus, Cefixime trihydrate, Mouth dissolving tablets, Superdisintegrants, Direct compression method.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6037/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DISSOLUTION AND RECOVERY OF AT LEAST ONE ELEMENT NB OR TA AND OF AT LEAST ONE OTHER ELEMENT U OR RARE EARTH ELEMENTS FROM ORES AND CONCENTRATES

(51) International classification	:C22B1/02,C22B1/06,C22B34/24
(31) Priority Document No	:1150089
(32) Priority Date	:06/01/2011
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/EP2012/050188 :06/01/2012
(87) International Publication No	:WO 2012/093170
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)DURUPT Nicolas
3)GRECO Antoine
4)HAMMY Fatima
5)LAROCHE Guillaume
6)THIRY Jacques

(57) Abstract :
The main subject matter of the present invention is a process for the dissolution of at least one element chosen from niobium and tantalum and at least one other element chosen from uranium and the rare earth elements advantageously for the dissolution of niobium tantalum uranium and rare earth elements present in an ore or an ore concentrate. Said process comprises: the roasting of a material comprising said elements which material is mixed dry or/in the presence of water with an acid roasting agent in order to obtain a calcine; said material consisting of said ore or concentrate or having been obtained from said ore or said concentrate and said acid roasting agent providing for roasting in a sulphate medium; and the dissolution in an aqueous solution of the calcine obtained in order to obtain a slurry the liquid fraction of which includes iron in the ferric state at a concentration of at least 50 g/l advantageously of at least 70 g/l and very advantageously of at least 120 g/l.

No. of Pages : 68 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.3423/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DESIGN OF PANTOPRAZOLE BUCCOADHESIVE PATCH USING A BIO-FILM FORMER

(51) International classification :C12N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DR. N.V. SATHEESH MADHAV
2)HARISH CHANDRA
3)ALBI RASTOGI

(57) Abstract :
This invention explores a novelistic method for isolating a biopolymer from Moringa oleifera from seed pulp by addition of non-solvent acidified di- methyl ketone . The bio- material are subjected to Spectral studies like IR, NMR, Mass which confirms its polymeric nature. The bio-polymer displayed its filmability and retardability. This invention also explain the methodology for formulating Pantoprazole buccoadhesive films using a biopolymer Moringa oleifera as a film former and other co-processing agents. The film prepared by casting method and subjected for evaluation parameters like swelling index, surface pH, folding endurance, moisture content, in-vitro release. A result displayed that a film shows a significant mucoadhesivity, folding endurance and promising retardance for a period of 24 hrs.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.3424/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DESIGN OF CURCUMIN LOADED BIONANOPARTICLES FOR COLON SPECIFIC DRUG DELIVERY

(51) International classification :C12N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DR. N.V. SATHEESH MADHAV

(57) Abstract :
This Invention explores method for Colon targeting Curcumin by designing nanoparticjes using a colon specific bio-nano carrier as release retardant The biopolymer isolated from seeds of jowar (sorghum bicolor) by simple economical procedure .The biomaterial was processed with various buffer solution for colon specific targeting, the inert biopolymer which is debard of gastic as well as small intestinal pH .The polymer was further characterised by various spectral studies. The curcumin loaded bio-nanoparticles formulation using a biopolymer which is colon specific in various ratio and co-processing agent prepared by modified solvent evaporation method. The formulation screening for various properties and revealed it the significance of drug releases in acidic pH the maximum amount drug releases in colon pH.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6027/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DIE CASTING MACHINE AND METHOD

(51) International classification :B22D17/08,B22D17/20,B22D17/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CA2010/002069
Filing Date :29/12/2010
(87) International Publication No :WO 2012/088580
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOURBONNAIS Alain
3)DUBOIS Samuel
4)LAVEAU Richard
5)MONETTE Gilbert
6)OUELLET Jean Pierre
7)THIBAULT Carl

(57) Abstract :
The die casting machine comprises a mold closing actuator capable of selectively inducing a closing pressure on first and second platens for forcing them towards a closed position in which their mold portions are pressed against each other along a parting line. An injection sleeve is movable relative to the mold portions between a distal position in which the injection sleeve and the mold portions are spaced apart; and an injection position in which the injection sleeve engages the mold portions at an inlet opening when the first and second platens are in their closed position. The injection sleeve applies a transverse contact pressure when it engages the mold portions. The closing pressure is unevenly distributed on the platens so as to compensate the transverse contact pressure to have a resulting effective molding pressure on the mold portions that is substantially evenly distributed across the parting line.

No. of Pages : 59 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6029/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TISSUE REPAIR

(51) International classification :A61B17/04
(31) Priority Document No :13/016389
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023056
Filing Date :29/01/2012
(87) International Publication No :WO 2012/103536
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ASTORINO Steven William
2)SORENSEN Peter Klindt
3)MILLS Laura Lindsey

(57) Abstract :
An apparatus (100) includes a flexible fixation member (10) having a body (12) with a longitudinal extent and a width the body defining a plurality of openings (14) through the body each of the plurality of openings formed substantially cross wise through the width of the body and a suture (20) having two terminal ends (20a 20b) the suture being interwoven through each of the plurality of openings in the body of the fixation member such that multiple portions of the fixation member are slidably coupled to the suture and configurable to form a cluster within a surgical site.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2012

(21) Application No.3378/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NAIL-FILE MAKING MACHINE AND ITS APPLICATION IN THE MANUFACTURING OF NAIL CUTTER/CLIPPER

(51) International classification :F01P
(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)TRI STAR PRODUCTS PVT. LTD.
Address of Applicant :B 43, SECTOR 80 PHASE-II NOIDA (UP) 201305 INDIA Uttar Pradesh India
(72)**Name of Inventor :**
1)JAIN, SANDEEP

(57) Abstract :
The present invention is generally related to an automatic process of preparing nail-file, particularly the pattern of uniform threading/teeth on one surface of the said nail-file, by the application of a specialized nail-file making machine for the purpose.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2012

(21) Application No.3379/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EDGE GRINDING MACHINE AND ITS APPLICATION IN THE MANUFACTURING OF NAIL CUTTER/CLIPPER

(51) International classification	:B41K	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)TRI STAR PRODUCTS PVT. LTD.**
(32) Priority Date	:NA	Address of Applicant :B 43, SECTOR-80 PHASE-II NOIDA
(33) Name of priority country	:NA	(UP) 201305 INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)JAIN, SANDEEP**
(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 grinding of edges of the nail cutter/clipper during its manufacturing, using the proposed edge grinding machine. Said edge grinding machine is installed with motorized grinder for grinding the edges of the nail cutter/trimmer head of the main body, particularly for effective grinding of the curved edges of said nail cutter/trimmer head in single grinding step.

No. of Pages : 11 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6030/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CELL NUCLEUS OBSERVATION SUBSTRATE AND CELL NUCLEUS OBSERVATION DEVICE

(51) International classification :C12M1/34,C12Q1/00
(31) Priority Document No :2011005240
(32) Priority Date :13/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/007293
Filing Date :27/12/2011
(87) International Publication No :WO 2012/095935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NITTA Nao

(57) Abstract :
To provide a technology of staining nuclei of cells, microorganisms and the like by a simple 5 operation and observing their forms. [Solving Means] There is provided a cell nucleus observation substrate A including an introduction part 1 into which a sample liquid containing cells is introduced and an observation area 2 within which the 10 cells in the sample liquid introduced from the introduction part 1 is held, copper 3 being disposed on a flow path of the sample liquid in the introduction part 1 and the observation area 2 so that the copper being capable of contacting with the sample liquid. 15 In the cell nucleus observation substrate A, the cells in the sample liquid introduced from the introduction part 1 is contacted with copper 3, nucleic acids therein will emit fluorescence and is held within the observation area. Accordingly, in the cell nucleus 20 observation substrate A, the cells including the nuclei being fluorescence stained can be observed at the observation area.

No. of Pages : 107 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6031/DELNP/2013 A
(43) Publication Date : 12/12/2014

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

(51) International classification :G10L21/04,G10L19/02,H03M7/30
(31) Priority Document No :2011006233
(32) Priority Date :14/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050173
Filing Date :06/01/2012
(87) International Publication No :WO 2012/096230
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HATANAKA Mitsuyuki
2)CHINEN Toru

(57) Abstract :
The present technology relates to a signal processing device, method, and program that may obtain audio at a higher audio quality when decoding an audio signal. An envelope information generating unit 24 generates envelope information representing an envelope form of high frequency components of an audio signal to be encoded. A sine wave information generating unit 2 6 extracts a sine wave signal from the high frequency components of the audio signal, and generates a sine wave information representing an emergence start position of the sine wave signal. An encoding stream generating unit 27 multiplexes the envelope information, the sine wave information, and low frequency components of the audio signal that have been encoded, and outputs an encoding stream obtained as the result. As a result, the high frequency components included in the sine J wave signal may be predicted at a higher accuracy from the j envelope information and the sine wave information at the . receiving side of the encoding stream. The present invention may be applied to a signal processing device.

No. of Pages : 119 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6033/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SULFUR DERIVATIVES AS CHEMOKINE RECEPTOR MODULATORS

(51) International classification :C07D213/34,C07D213/62,C07D233/64
(31) Priority Document No :61/423940
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064233
Filing Date :09/12/2011
(87) International Publication No :WO 2012/082566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YUAN Haiqing
2)BEARD Richard L.
3)LIU Xiaoxia
4)DONELLO John E.
5)VISWANATH Veena
6)GARST Michael E.

(57) Abstract :
The present invention relates to novel sulfur derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of chemokine receptors.

No. of Pages : 205 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2012

(21) Application No.3380/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MAIN BODY JAW OPENING MACHINE AND ITS APPLICATION IN THE MANUFACTURING OF NAIL-CUTTER/CLIPPER

(51) International classification :B61K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JAIN, SANDEEP

(57) Abstract :
The present invention generally relates to a device and its working towards opening of the jaw of the main body of nail cutter/clipper of compound lever type. Said jaw opening machine performs mechanical operations and acts towards expanding the nail clipper ends of two wings of the nail cutter/clipper main body, particularly involving its pneumatic arms customized for jaw opening operations.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/11/2012

(21) Application No.3382/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MESH RESTORATION AND BANDWIDTH ALLOCATION SYSTEMS AND METHODS FOR SHARED RISK CONNECTION GROUPS

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)PRAKASH, ANURAG
2)CHHILLAR, MOHIT
3)KUMAR, PRADEEP
4)KANNAN, RAJAGOPALAN

(57) Abstract :
A method, a node, and a network include mesh restoration and bandwidth allocation systems and methods for shared risk connection groups for source-based routing control planes. The mesh restoration and bandwidth allocation systems and methods utilize signaling from a node closest to a point of failure to advise source nodes about protect paths to be taken for a,particular unidirectional or bidirectional connection in the event of mesh restoration. Specifically, the systems and methods include an ability to correlate connection information as Shared Risk Connection Groups (SRCG) to optimally utilize network bandwidth in the event of failure. The systems and methods could also be used to optimally distribute connections in a mesh network as well, trying to utilize maximum bandwidth, in distributed or centralized environments. Effectively, the systems and method distributed path computation in the network away from solely being the responsibility of source nodes.

No. of Pages : 48 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/03/2013

(21) Application No.592/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHOTOCHEMICAL METHOD FOR DEGRADATION OF PERSISTENCE PESTICLDE

(51) International classification :C01C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :SECTOR 125, NOIDA, AMITY UNIVERSITY UTTAR PRADESH 201303 Uttar Pradesh India
(72)**Name of Inventor :**
1)TANU JINDAL

(57) Abstract :
The present invention relates to a method to develop the degradation of pesticides under solar and UV radiation. Persistence of pesticide is done in the form of volatilization and mineralization of pesticides in water. The method includes incubating different radio labelled pesticide samples in closed systems in different types of light conditions like in solar, dark and uv radiation. The photochemical method is very simple and cost effective as compared to the biological method for the degradation of pesticide.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6041/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THERMAL PRINTER

(51) International classification :B41J2/325,B41J11/00,B41J13/02
(31) Priority Document No :13/032897
(32) Priority Date :23/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025784
Filing Date :20/02/2012
(87) International Publication No :WO 2012/115893
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PAOLETTI Richard Steven
2)GARBACZ Gregory James

(57) Abstract :
A printer including a supply roll of receiver media and a plurality of rollers to feed the receiver media through the printer. Means for maintaining a preselected tension of the receiver media between the supply roll and a pair of the plurality of rollers includes a motor with a torque limiter. The motor can be attached to the supply roll or to an optional pair of rollers adjacent the supply roll. A capstan roller having a high traction non marking surface is used in conjunction with the tension control.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6042/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS FOR CASTING A NON PNEUMATIC TIRE

(51) International classification :B29C45/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/020299
Filing Date :06/01/2011
(87) International Publication No :WO 2012/094005
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
(72)**Name of Inventor :**
1)WILSON Brian D.

(57) Abstract :
This invention relates generally to an apparatus for casting a portion of a tire and more specifically to an apparatus that has a cap and an outer ring that are rotatably attached to a fixed portion of the molding apparatus for centrifugally molding the spokes of a non pneumatic tire from polyurethane or some other suitable material. The cap and outer ring have separate rotatable attachments to the apparatus and are not otherwise connected to each other so they are free to rotate without obscuring the pouring slot of the mold.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6043/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SPARK DETECTION IN COATING INSTALLATIONS

(51) International classification :H01J37/32
(31) Priority Document No :61/429832
(32) Priority Date :05/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/006393
Filing Date :17/12/2011
(87) International Publication No :WO 2012/092950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MOOSBRUGGER Arno

(57) Abstract :
The present invention relates to a method for effective spark detection during a process for treating workpieces with a vacuum treatment installation. For this purpose, in the case of a bias voltage applied to the workpieces, the discrepancy between the current flowing through the workpieces and a mean value is measured and, in the event of a threshold value being exceeded by this discrepancy, the process is stopped. According to the invention, the threshold value is made dependent on the magnitude of the bias voltage.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6044/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL INDOLE OR INDAZOLE DERIVATIVE OR SALT THEREOF

(51) International classification :C07D401/14,A61K31/4178,A61K31/4439
(31) Priority Document No :2011002147
(32) Priority Date :07/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050140
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093707
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)OHKUBO Shuichi
3)YOSHIMURA Chihoko

(57) Abstract :
The the present invention relates to provision of a novel indazole compound which is capable of inhibiting HSP90 and shows a cytostatic effect on cancer cells. The present invention also relates to provision of a drug useful for preventing and/or treating, on the basis of an HSP90 inhibitory effect, a disease in which HSP90 participates, in particular, cancer. A compound represented by the general formula (I) or a salt thereof: wherein X represents CH or N; any one or two of Y1, Y2, Y3, and Y4 represent C-R3 or N, and the others represent CH; A and B are the same or different and represent an optionally substituted monocyclic unsaturated heterocyclic group having.1 to 4 heteroatoms selected from N, S, and 0; R1 represents a hydrogen atom, an optionally substituted alkyl group having 1 to 6 carbon atoms etc.; R2 represents a hydrogen atom, a halogen atom etc.; R3 represents a hydrogen atom, a halogen atom etc.; R4 and R5 are the same or different and represent a hydroxyl 1 group etc.; 1 R6 and R7 are the same or different and represent a hydrogen atom, an alkyl group having 1 to 6 carbon atoms etc.; and R8 represents an optionally substituted cycloalkyl group having 3 to 7 carbon atoms etc.

No. of Pages : 111 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6045/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CLEANING OF PROCESS EQUIPMENT

(51) International classification :B08B9/093,B08B9/055,B01J19/00
(31) Priority Document No :2010/09019
(32) Priority Date :14/12/2010
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2011/055278
Filing Date :24/11/2011
(87) International Publication No :WO 2012/080876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)RHAMDHANI Umesh
3)BLANN Kevin
4)ZOGG Michael Joseph Jr.
5)BOIT Kipchirchir Andrew
6)GAMBREL Timothy Wayne

(57) Abstract :
A method of cleaning fouled process equipment which includes a process vessel (10) fouled by an organic foulant includes spraying a hydrocarbon stream at a pressure of at least 69 bar(g) at fouled surfaces inside the process vessel (10) thereby to dislodge the organic foulant from the fouled surfaces. The hydrocarbon stream is sprayed from at least one nozzle (24) located inside the process vessel (10). The hydrocarbon stream is at a temperature below the melting point of the organic foulant or below the melting point of a major component of the organic foulant when the organic foulant is a multi component organic foulant. The dislodged foulant is removed from the process vessel (10).

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6046/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SHOCK ABSORBING BEARING COMPRISING A PROFILED INSERT

(51) International classification :F16F1/373
(31) Priority Document No :10 2011 009 756.2
(32) Priority Date :28/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051151
Filing Date :25/01/2012
(87) International Publication No :WO 2012/101177
(61) 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)THYE MOORMANN Frank

(57) Abstract :
The invention relates to a shock absorbing bearing (10) comprising a substantially hollow cylindrical damping element (20 22 24 26) on the basis of cellular polyisocyanate polyaddition products in addition to an insert (30) which is at least partially surrounded in a radial and axial direction by the damping element (20 22 24 26). Said bearing is characterised in that at least one axial end face of the insert (30) said face making contact with the damping element (20 22 24) has a profile (32) comprising valleys and/or peaks.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2012

(21) Application No.3671/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POLYNUCLEOTIDE ASSOCIATED WITH ERGOSTEROL BIOSYNTHESIS AND USES THEREOF

(51) International classification :C12P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DATTA, ASIS
2)CHAKRABORTY, NIRANJAN
3)CHAKRABORTY, SUBHRA
4)KAMTHAN, MOHAN
5)KAMTHAN, AYUSHI

(57) Abstract :
The polynucleotide associated with Ergosterol Biosynthesis is provided herein. In particular, the present invention provides the polynucleotide isolated from Flammulina velutipes that are useful for development of transgenic plants with improved drought tolerance, pathogen resistance and nutritional quality. The present invention also provides recombinant DNA molecule comprising the polynucleotide molecules as disclosed in the invention, recombinant plasmid comprising the DNA recombinant molecule and transgenic plants comprising the DNA recombinant molecule of the present invention.

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6051/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NON CODING IMMUNOMODULATORY DNA CONSTRUCT

(51) International classification :C12N15/117
(31) Priority Document No :1021867.5
(32) Priority Date :23/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2011/074033
Filing Date :23/12/2011
(87) International Publication No :WO 2012/085291
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)KLEUSS Christiane
3)KAPP Kerstin

(57) Abstract :
The present invention relates to a nucleic acid molecule and its use for the modulation of the immune system. It provides a DNA construct for immunomodulation comprising at least one nucleotide in L conformation.

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6052/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DNA EXPRESSION CONSTRUCT

(51) International classification :C12N15/11,C12N15/09,C12N15/85
(31) Priority Document No :1021873.3
(32) Priority Date :23/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2011/073984
Filing Date :23/12/2011
(87) International Publication No :WO 2012/085282
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The invention relates to a minimalistic gene expression construct its transfer into cells and its use for gene expression for molecular medical applications. According to the disclosure a DNA construct for gene expression is provided wherein the construct is a linear and open chained DNA double strand comprising a promoter sequence a coding sequence and a termination signal wherein the construct comprises at least one L DNA nucleotide.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6053/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONVEYING UNIT FOR A REDUCING AGENT

(51) International classification :F01N3/20
(31) Priority Document No :10 2011 010 644.8
(32) Priority Date :09/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051809
Filing Date :02/02/2012
(87) International Publication No :WO 2012/107352
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MAGUIN Georges
2)BADOUAL Loic

(57) Abstract :
The present invention relates to conveying unit (1) for conveying reducing agent from a tank (2) to an exhaust gas treatment device (3) for treating the exhaust gases from an internal combustion engine (4). The conveying unit (1) comprises a pump (8) wherein the pump (8) comprises a drive unit (10) and a pump chamber unit (11). The pump chamber unit (11) at least in part limits a pump chamber (9) and the drive unit (10) and the pump chamber unit (11) are detachable from one another.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6054/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SETTING TOOL

(51) International classification :E21B23/08,E21B33/12
(31) Priority Document No :13/014705
(32) Priority Date :26/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022586
Filing Date :25/01/2012
(87) International Publication No :WO 2012/103243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WATSON Brock

(57) Abstract :
A downhole setting tool is provided. The tool comprises a tool housing and a hollow mandrel the mandrel being situated in the housing. The tool further comprises a piston situated between the mandrel and the tool housing and a collar situated between the mandrel and the tool housing wherein the tool housing the mandrel the piston and the collar define an annulus. The tool further comprises a first valve wherein in a closed position the first valve blocks a path of fluid communication between the interior of the mandrel and the annulus.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6055/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR SYNTHESIZING SAPO MOLECULAR SIEVE BY SOLVOTHERMAL METHOD AND CATALYST PREPARED THEREBY

(51) International classification	:C01B39/54,C01B37/08,B01J29/85
(31) Priority Document No	:201010610515.5
(32) Priority Date	:29/12/2010
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2011/076332 :24/06/2011
(87) International Publication No	:WO 2012/088854
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)TIAN Peng
2)LIU Zhongmin
3)ZHANG Ying
4)FAN Dong
5)SU Xiong

(57) Abstract :
A solvothermal synthesis process of the SAPO molecular sieves and catalysts prepared thereby are provided. The synthesis process comprises the following steps: a) an organic amine, an aluminum source, a phosphorus source, a silicon source, and water are mixed in a molar ratio of 6-30 : 1 : 0.5-5 : 0.01-1.0 : 0.1-15, to obtain an initial mixture for preparing the SAPO molecular sieves, wherein the molar ratio of water to the organic amine is less than 2.0; b) the initial mixture obtained in the step a) is maintained at 30-60 °C and aged with stirring for not more than 24 hours, to obtain an initial gel; c) the initial gel obtain in the step b) is crystallized at 150-250 °C for 0.5-15 days. The SAPO molecular sieves prepared thereby are used, after being calcined at 400 - 700 °C in air, as catalysts for acid-catalyzed reactions or for conversion reactions of oxygen-containing compounds to olefins.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6061/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENGAGEMENT CHAIN TYPE DEVICE FOR OPERATING FORWARD AND BACKWARD MOVEMENT

(51) International classification :F16G13/20,B66F3/02,B66F7/12
(31) Priority Document No :2011004245
(32) Priority Date :12/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078755
Filing Date :13/12/2011
(87) International Publication No :WO 2012/096086
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WADA Toru
3)TAKEUCHI Yoshifumi

(57) Abstract :
Provided is an interlocking chain-type forward and backward actuating device, the device being configured so that an increase in the number of parts is minimized, an increase in the size of the device is avoided, the amount of scattering of lubricating oil to the outside of the device is reduced, the wear of connection pins is reduced, the breakage of the connection pins is avoided, and the striking noise and vibration of the chains occurring during the reception of the chains are reduced. Chain guide plates (130) are respectively provided on both sides of a pair of interlocking chains (110, 110) in the chain width direction (W). Chain locus restriction members (140, 140) having chain locus restriction faces (S1, S1) in contact with rigid chain portions (110B, 110B) , which are made rigid by engaging and integrating the pair of interlocking chains (110, 110) with each other, are disposed so as to be adjacent to the rigid chain portions (110B, 110B).

No. of Pages : 53 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6062/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOUNDS INFLUENCING FATTY ACID UPTAKE AND METABOLISM AND THE PRODUCTION OF INFLAMMATORY AGENTS AND METHODS OF ISOLATING THEM FROM COCOA PRODUCTS

(51) International classification :A01N43/16,A61K31/35
(31) Priority Document No :61/420701
(32) Priority Date :07/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063806
Filing Date :07/12/2011
(87) International Publication No :WO 2012/078797
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HURST W. Jeffrey
2)STUART David A.
3)LAMBERT Joshua D.
4)GU Yeyi

(57) Abstract :
The invention provides compounds and plant extract compositions that inhibit pancreatic enzymes such as lipases and amylases and most particularly pancreatic lipase and phospholipase A2 (PLA2) and COX 2 enzyme. The compounds and plant extracts can be used in methods and administration regimens to treat animals for obesity related conditions diabetes and related conditions metabolic syndrome and inflammatory conditions. The compounds and plant extracts can also be used to produce comestible compositions to be incorporated into a normal diet to improve health or prevent or reduce the uptake of free fatty acids during digestion or the production of inflammatory eicosanoids or cytokines. The inhibitor compounds and compositions include cocoa derived polymers of epicatechin such as epicatechin rich polymers of 2 units through polymers of 14 units and combinations of them.

No. of Pages : 59 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6063/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A COMMUNICATIONS NETWORK ROUTER AND SYSTEM

(51) International classification :H04Q3/00,H04L29/06
(31) Priority Document No :1100202.9
(32) Priority Date :07/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/052486
Filing Date :15/12/2011
(87) International Publication No :WO 2012/093243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BEACHAM Richard Patrick Todd
2)HILL Alistair Graham

(57) Abstract :
A communications network router is described for secure routing of calls between domains of different classification levels. The network router comprises a first communications port arranged to receive a first communications channel of a first domain a second communications port arranged to receive a second communications channel of a second domain a switch apparatus arranged selectively to connect said first port to said second port to establish a communications link between said first and second domains. The first domain has a different level of classification to a said second domain.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6064/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS OF TREATING TACHYCARDIA AND/OR CONTROLLING HEART RATE WHILE MINIMIZING AND/OR CONTROLLING HYPOTENSION

(51) International classification :A61K31/24,A61P9/06
(31) Priority Document No :61/436992
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022696
Filing Date :26/01/2012
(87) International Publication No :WO 2012/103314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RABINOW Barrett
2)MCKEE Jeff

(57) Abstract :
A method of treating tachycardia while minimizing and/or controlling hypotension associated with such treatment includes administering a therapeutically effective amount of a pharmaceutical composition comprising the S isomer of esmolol to a subject in need thereof.

No. of Pages : 61 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6065/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMMERCIAL SCALE PROCESS FOR PRODUCTION OF PRRSV

(51) International classification :A61K39/12,C12N7/00
(31) Priority Document No :61/444071
(32) Priority Date :17/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/052476
Filing Date :14/02/2012
(87) International Publication No :WO 2012/110490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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5)MALBURG Sonia Regina Cantisano
6)SANDOVAL BASURTO Edgar Arnulfo
7)SCHEERER Stephen

(57) Abstract :
The present invention describes an efficient commercial scale production method for the preparation of PRRS virus.

No. of Pages : 55 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/05/2013

(21) Application No.1304/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INNOVATIVE COAL BASED WATER HEATER

(51) International classification :F24B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PERVAZE AHMAD DAR

(57) Abstract :
The Innovative Coal Based Water Heater is a cylindrical shaped device used to boil water or to warm it. It is made up of copper/iron sheets. It is fitted in a water tank made up of copper/ iron . The boiler is flat at the top with a pipe fitted in it. A cylindrical iron/ copper sieves are kept inside the boiler. The base of the sieve is V-shaped or arrow shaped. These iron/ copper sieve is supported by an iron rod. The iron rod is fitted with in the furmel shaped base of the boiler. The lower part of the funnel is kept out-side the water tank from below. The coal is filled from the upper vent. The smoke also escapes through it as shown in fig. 2. The ash fi-om the burned coal/ wood falls down from the lower opening. Oxygen also enters into the boiler through this lower opening. The boiler can be used in industries, institutions, hospitals, hotels, homes etc.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/11/2012

(21) Application No.3567/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOBILE SURVEILLANCE SYSTEM

(51) International classification :A61M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)AKSHAY MATHUR
2)ABHAS KUMAR

(57) Abstract :
A mobile surveillance system (100) for performing reconnaIssance IS disclosed. The mobile surveillance system (100) comprises an outer shell (102) with one or more mounting points (202). Further, the mobile surveillance system (100) comprises a mounting platform (104) coupled to the outer shell (102) through the one or more mounting points (202). The mobile surveillance system (100) further comprises a sensor arrangement (106) mounted on the mounting platform (104) coupled to the outer shell (102). The sensor arrangement (106) comprises one or more sensors (406) and a circuit board.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6072/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MICROBIOCIDAL PYRAZOLE DERIVATIVES

(51) International classification :C07D413/04,C07D413/14,C07D417/14
(31) Priority Document No :11153986.2
(32) Priority Date :10/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/052110
Filing Date :08/02/2012
(87) International Publication No :WO 2012/107477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CEDERBAUM Fredrik
3)BERTHON Guillaume
4)SULZER MOSSE Sarah

(57) Abstract :
The present invention provides compounds of formula I: wherein the substituents are as defined in claim 1 are useful as active ingredients which have microbiocidal activity in particular fungicidal activity.

No. of Pages : 73 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6073/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SMALL MOLECULE HYDROPHOBIC TAGGING OF FUSION PROTEINS AND INDUCED DEGRADATION OF SAME

(51) International classification :C07K17/02,A61K31/708,A61K31/7076
(31) Priority Document No :61/420584
(32) Priority Date :07/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063401
Filing Date :06/12/2011
(87) International Publication No :WO 2012/078559
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SCHNEEKLOTH Ashley R.
4)NEKLESA Taavi
5)SUNDBERG Thomas

(57) Abstract :
The present invention relates to the ability to regulate any protein of interest in living systems with small molecules. In particular the present invention relates to the discovery that appending a hydrophobic moiety to the surface of a protein can mimic the partially denatured state of the protein thus engaging the cellular quality control machinery to induce its proteasomal degradation. An aspect of the present invention relates to bifunctional small molecules that bind a number of proteins including for example a self labeling tag such as bacterial dehalogenase (HaloTag protein) and present a hydrophobic group on its surface. Hydrophobic tagging of the HaloTag protein with a hydrophobic moiety (e.g. an adamantyl moiety) was effected and the tagging induced the degradation of cytosolic isoprenylated and transmembrane fusion proteins in cell culture. The present invention also demonstrated the in vivo utility of hydrophobic tagging by degrading proteins expressed in zebrafish embryos and by inhibiting RasG12V driven tumor progression in mice. Therefore hydrophobic tagging of HaloTag fusion proteins affords small molecule control over any protein of interest making it an ideal system for validating potential drug targets in disease models.

No. of Pages : 140 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/04/2013

(21) Application No.1123/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL METHOD AND SYSTEM TO IMPROVE PERFORMANCE OF COMPRESSION IGNITION ENGINE

(51) International classification :F01B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROHIT KUMAR

(57) Abstract :
The present invention relates to a novel method and system for increasing turbulence effect on fresh air which goes directly into the combustion chamber of an ignition engine. The turbulence of air is increased by introducing a semielliptical air chamber before the combustion chamber. In the centre of semielliptical chamber an elliptical shaped plate is provided for uniform air flow without any back pressure turbulence.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1383/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITIONS FOR ENHANCED LIFE TIME OF CHARGE CARRIERS FOR SOLAR HYDROGEN PRODUCTION FROM WATER SPLITTING

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

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(57) Abstract :
Disclosed herein are nanocomposite compositions comprising nano metal cluster containing titania and anion doped titania prepared by a simple one step for enhanced life time of charge carriers.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1384/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOL-GEL PROCESS FOR SYNTHESIS OF NANOCRYSTALLINE OXIDES

(51) International classification :C01B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A Continuous flow synthesis of nanocrystalline metal oxides by rapid sol-gel process is disclosed. The process disclosed uses an impinging microjet micromixer device to obtain the nano crystalline metal oxides. A method of fabricating and assembling the impinging microjet micromixer is also disclosed herewith.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1385/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR THE ENANTIOSELECTIVE NHC-CATALYSED SYNTHESIS OF 4,5-DISUBSTITUTED DIHYDROPYRANONES

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TRINADH KAICHARLA

(57) Abstract :
The present invention provides a process for the enantioselective N-heterocyclic carbene (NHC) catalysed synthesis of 4,5-disubstituted dihydropyranones with >90% ee in the enantiomerically pure form.

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2013

(21) Application No.6083/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ROOT CAUSE ANALYSIS

(51) International classification :G06F11/07
(31) Priority Document No :12/982512
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067362
Filing Date :27/12/2011
(87) International Publication No :WO 2012/092256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)REN Tiegeng
3)SAMSON Michael D.

(57) Abstract :
Systems and methods for determining the root cause of an event in a data center are presented. The system includes a data center management device coupled to a network and configured to receive an indication of the event from a physical infrastructure device via the network determine a first generic cause model for the event by accessing an event cause model data store determine a first event profile by adapting the first generic cause model to the data center using data center profile information stored in a data center profile data store and display a first probability that a potential cause defined by the first event profile is the root cause.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2013

(21) Application No.6084/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : Z DIRECTED CAPACITOR COMPONENTS FOR PRINTED CIRCUIT BOARDS

(51) International classification :H05K1/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/022012
Filing Date :21/01/2011
(87) International Publication No :WO 2012/099598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FESSLER John Thomas
3)HALL Paul Kevin
4)OGLESBEE Robert Aaron

(57) Abstract :
A Z directed capacitor component for insertion into a printed circuit board while allowing electrical connection to internal conductive planes contained within the PCB. In one embodiment the Z directed capacitor component utilizes semi cylindrical metallic sheets. In another embodiment stack annular metallic disks are used. The Z directed capacitor component mounts within the thickness of the PCB allowing other components to be mounted over it. The body may contain one or more conductors and may include one or more surface channels or wells extending along at least a portion of the length of the body. Methods for mounting Z directed components are also provided.

No. of Pages : 58 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2013

(21) Application No.6085/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTONOMOUS FIRE FIGHTING AGENT

(51) International classification :A62D1/00,C08J9/34
(31) Priority Document No :RU2011104729
(32) Priority Date :10/02/2011
(33) Name of priority country :Russia
(86) International Application No :PCT/IB2012/000221
Filing Date :09/02/2012
(87) International Publication No :WO 2012/107825
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SEREGIN Victor

(57) Abstract :
The invention relates to an autonomous fire fighting agent (10) formed from a material with fire extinguishing properties. Said material comprises: microcapsules with a fire extinguishing composition said microcapsules having sizes of from 2 to 100 μm and being in the form of a halocarbon enclosed in a polymeric shell consisting of polyurea and/or polyurethane; and a binder. In accordance with the invention the binder comprises a composite material comprising a polymeric component and mineral fibers and/or particles. The invention also relates to a method for manufacturing an autonomous fire fighting agent (10) and an object which uses the autonomous fire fighting agent (10) to fight a fire 10 20 s after ignition.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2013

(21) Application No.6086/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DRUG DELIVERY DISPERSION AND FILM FORMED THEREFROM

(51) International classification :A61K9/00,A61K9/70,A61K8/11
(31) Priority Document No :10306521.5
(32) Priority Date :27/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/US2011/067400
Filing Date :27/12/2011
(87) International Publication No :WO 2012/092283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SIEG Anke
5)THOMAS Xavier Jean paul

(57) Abstract :
An active agent delivery dispersion includes water 1 to 98 weight percent of a plurality of encapsulated particles dispersed in the water and 0.1 to 20 weight percent of an active agent each based on a total weight of the dispersion. The active agent is dispersed in the water independently from the plurality of encapsulated particles. Each of the particles includes a core and a layer including a silica disposed about the core. The plurality includes first and second populations of encapsulated particles. The core of the first population includes a first organopolysiloxane having at least two silicon bonded alkenyl groups per molecule and a hydrosilylation catalyst. The core of the second population includes an organohydrogensiloxane having an average of greater than two silicon bonded hydrogen atoms per molecule and a second organopolysiloxane having at least two silicon bonded alkenyl groups per molecule.

No. of Pages : 54 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2013

(21) Application No.6087/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : Z DIRECTED PASS THROUGH COMPONENTS FOR PRINTED CIRCUIT BOARDS

(51) International classification :H02B1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/022008
Filing Date :21/01/2011
(87) International Publication No :WO 2012/099597
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)OGLESBEE Robert Aaron

(57) Abstract :
A Z directed signal pass through component for insertion into a printed circuit board while allowing electrical connection from external surface conductors to internal conductive planes or between internal conductive planes. The z directed pass through component is mounted within the thickness of the pcb allowing other components to be mounted over it. The body may contain one or more conductors and may include one or more surface channels or wells extending along at least a portion of the length of the body.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6088/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENERGY REGENERATION POWER GENERATION SYSTEM APPLICABLE TO VEHICLE FOR LOADING UNLOADING AND CARRYING

(51) International classification :B66F9/22,F15B21/14,F15B15/18
(31) Priority Document No :201010607792.0
(32) Priority Date :28/12/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/083265
Filing Date :30/11/2011
(87) International Publication No :WO 2012/088991
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TANG Zhongyong
3)ZHANG Daqing
4)CHEN Zheng
5)GONG Jun

(57) Abstract :
An energy-recovery generation system for a handling and carrying electric vehicle, comprising a hoisting cylinder (9), wherein an output pipeline of the hoisting cylinder (9) is provided with a pressure sensor unit (1) and a directional valve (2); the directional valve (2) is under the control of the pressure sensor unit (1); a first outlet of the directional valve (2) is connected to a tank (5) through a way of a multi-way valve (4) with an operating handle; the pressure oil, flowing out from a second outlet of the directional valve (2), passes through a pump (7) having an oil suction port capable of bearing pressure or a motor, and then passes through the multi-way valve (4), to finally flow back to the tank (5); the pump (7) having an oil suction port capable of bearing pressure or the motor drives an electric motor (16) to output electric energy; an electric energy output end of the electric motor (16) is connected to an energy storage device (20) through a converter (21).

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6093/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADDITIVE COMPOSITIONS AND THERMOPLASTIC POLYMER COMPOSITIONS COMPRISING THE SAME

(51) International classification :C08K5/00,C08K5/20
(31) Priority Document No :13/013277
(32) Priority Date :25/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065987
Filing Date :20/12/2011
(87) International Publication No :WO 2012/102805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)MYERS Jamie B.
3)MORGAN Jennifer

(57) Abstract :
A method for producing a thermoplastic polymer composition comprises the steps of separately providing a thermoplastic polymer and an additive composition and then mixing the thermoplastic polymer and additive composition. The additive composition comprises a clarifying agent and a coloring agent. Another method for producing a thermoplastic polymer composition comprises the steps of separately providing a thermoplastic polymer a clarifying agent and a coloring agent and then mixing the thermoplastic polymer the clarifying agent and the coloring agent. The coloring agent is present in the composition in an amount to yield a composition exhibiting CIE L a and b values falling within a defined color space. An additive composition contains a clarifying agent and a coloring agent. The coloring agent is present in the composition in such an amount that when the additive composition is added to a thermoplastic polymer composition the thermoplastic polymer composition exhibits CIE L a and b values falling within a defined color space.

No. of Pages : 58 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6098/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCING HEATING USING WORKING FLUIDS COMPRISING Z 1 1 1 4 4 4 HEXAFLUORO 2 BUTENE

(51) International classification :C09K5/04,F25B30/02
(31) Priority Document No :61/437964
(32) Priority Date :31/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023267
Filing Date :31/01/2012
(87) International Publication No :WO 2012/106305
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KONTOMARIS Konstantinos

(57) Abstract :
Disclosed herein is a method for producing heating in a high temperature heat pump comprising condensing a vapor working fluid comprising Z 1 1 1 4 4 4 hexafluoro 2 butene in a condenser thereby producing a liquid working fluid. Also disclosed herein is a method of raising the maximum feasible condenser operating temperature in a high temperature heat pump apparatus comprising charging the high temperature heat pump with a working fluid comprising Z 1 1 1 4 4 4 hexafluoro 2 butene. Also disclosed herein is a composition comprising: (a) Z 1 1 1 4 4 4 hexafluoro 2 butene; (b) 2 chloropropane; and (c) at least one lubricant suitable for use at a temperature of at least about 150°C; wherein the 2 chloropropane is present in an amount effective to form an azeotrope or azeotrope like combination with the Z 1 1 1 4 4 4 hexafluoro 2 butene. Also disclosed herein is a high temperature heat pump apparatus containing a working fluid comprising Z 1 1 1 4 4 4 hexafluoro 2 butene.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6099/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONSTRUCTION MACHINE HAVING REVOLVING STRUCTURE

(51) International classification :E02F9/20,E02F9/22
(31) Priority Document No :2011011096
(32) Priority Date :21/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051093
Filing Date :19/01/2012
(87) International Publication No :WO 2012/099208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)IZUMI Shiho
2)EDAMURA Manabu
3)SHIBATA Kouichi
4)SUGIURA Manabu
5)OOKI Takatoshi

(57) Abstract :
To provide a hybrid system construction machine capable of continuing work even when the electric storage amount of an electric storage device exceeds an appropriate value. [Solution] Both a hydraulic motor (27) and an electric motor (25) are provided for driving a revolving superstructure (20). When the electric storage amount of a capacitor (24) is appropriate the revolving superstructure (20) is driven by both the hydraulic motor (27) and the electric motor (25). When the electric storage amount of the capacitor (24) exceeds an appropriate value switching to the driving of the revolving superstructure (20) by the hydraulic motor (27) alone is performed and an assist electric generation motor (23) is assist driven or engine driven to thereby rapidly return the electric storage amount of the capacitor (24) to an appropriate range. [Effect] The capacity of the capacitor (24) can be reduced and the electric storage amount of the capacitor can be managed without damaging the operability of a revolving motion.

No. of Pages : 54 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6102/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GENERATING DATA PATTERN INFORMATION

(51) International classification :H03M7/30,G06F17/30
(31) Priority Document No :61/437361
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022905
Filing Date :27/01/2012
(87) International Publication No :WO 2012/103438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ANDERSON Arlen

(57) Abstract :
A data storage system (102) stores at least one dataset including a plurality of records. A data processing system (104) coupled to the data storage system processes the plurality of records to produce codes (114) representing data patterns in the records the processing including: for each of multiple records in the plurality of records associating with the record a code encoding one or more elements wherein each element represents a state or property of a corresponding field or combination of fields as one of a set of element values and for at least one element of at least a first code the number of element values in the set is smaller than the total number of data values that occur in the corresponding field or combination of fields over all of the plurality of records in the dataset.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6103/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH STRENGTH ALKALI ALUMINOSILICATE GLASS

(51) International classification :C03C3/087,C03C3/091,C03C21/00
(31) Priority Document No :102011009769.4
(32) Priority Date :28/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051247
Filing Date :26/01/2012
(87) International Publication No :WO 2012/101221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KHNEMANN Bernd
2)BOETTGER Michael
3)RATHKE Sicco

(57) Abstract :
A high strength alkali aluminosilicate glass characterized by excellent meltability fineability. and processibility exhibits the following formula: SiO2; 60.5 to 69.0 weight percent Al2O3 7.0 to 11.8 weight percent B2O3;0 to 4.0 weight percent MgO 2.0 to 8.5 weight percent CaO 0 to 4.0 weight percent ZnO; 0 to 5.0 weight percent ZrO2; 0 to 3.0 weight percent NaO 15.0 to 17.5 weight percent KO 0 to 2.7 weight percent Li2O 0 to 2.0 weight percent and from 0 to 1.5 weight percent of a fining agents such as As2O3 Sb2O3 CeO2 SnO2 Cl F (SO4)2 and combinations thereof. The glass allows for adequate conditions for an alkali ion exchange treatment in a short time period (4 to 8 hours) and can also be produced according to the established continuous vertically downward directed drawing process such as the overflow down draw method or the fusion method the die slot or the slot down draw method or combinations thereof. The viscosity temperature profile of these glasses allows the use of conventional fining agents in combination at the lowest amounts possible and additionally allows the production of glasses that are free of or contain only small amounts of either or both of antimony oxide and arsenic oxide.

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6104/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FURNITURE COMPONENT

(51) International classification :A47B96/20
(31) Priority Document No :20 2010 016 861.9
(32) Priority Date :22/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/006417
Filing Date :19/12/2011
(87) International Publication No :WO 2012/084185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ENGELBRECHT Thorsten
2)AFFELDT Jens Uwe
3)HACKER Matthias

(57) Abstract :
The invention relates to a furniture component having a basic body (1) designed as a carrier and having a front element (2) arranged on the basic body (1), wherein the basic body (1), on at least one end side (11), has a profile element (3) which projects beyond the surface (13) of the basic body (1), this surface being directed towards the front element (2), wherein the peripheral region (21) of the front element (2) is arranged, at least in part, on the profile element (3), and wherein the profile element (3) has a structural layer (30) and at least one functional layer (14), which contain, at least in part, a thermoplastic material, characterized in that the structural layer (30) of the profile element (3) has at least one base element (32) and a covering element (31), wherein the covering element (31) of the structural layer (30) of the profile element (3), this covering element being arranged on the peripheral region (21) of the front element (2), and the functional layer (5) are produced, at least in part, from a transparent and/or translucent material.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2013

(21) Application No.1047/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DE-STONING OF BER FRUITS

(51) International classification :A23N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GODARA RAJENDER KUMAR
(72)**Name of Inventor :**
1)KUMAR MUKESH
2)SINGH DEVI
3)GODARA RAJENDER KUMAR

(57) Abstract :
The present disclosure provides a process for the de-stoning of ber (Ziziphus rnauritiana) fmits by means of a piercing unit. The de-stoned fruits obtained by the process of the present disclosure are fbrther processed to provide food products such as candy, pulp and dehydrated fruit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/05/2013
(21) Application No.1346/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR PRODUCING AROMATIC CARBOXYLIC ACIDS BY OXIDATION OF METHYL ARENES

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DEKA, SASANKA
3)GUPTA, DINESH
4)DEORI, KALYAN JYOTI

(57) Abstract :
The present disclosure is directed to a process for producing aromatic carboxylic acids by oxidation of methyl arenes in the presence of an oxidation reaction medium containing water and a heterogeneous catalyst. The heterogeneous catalyst is a cerium oxide nano-particulate catalyst with controlled morphology having particle size in the range of 1-30 nm.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2012

(21) Application No.3362/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTOMATED METERED DRUG DISPENSING MEANS

(51) International classification :A47J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VENKATAKRISHNAN, KARTHIKEYAN
3)KHATTAR, DHIRAJ
4)GARG, MINAKSHI

(57) Abstract :
The present invention relates generally to the field of dispensing system. More particularly, the invention relates to a device for dispensing medicament. It may be used for delivering drugs in liquid form at predetermined rates. The main advantage associated with this invention is that the device is powerhl and capable to move the plunger within 4 seconds and handles a load torque of 4 Kgcm. It facilitates movement of the plunger in both forward and reverse direction. Additionally it facilitates a smooth dispensing of the liquid such that no turbulence is created while the solutions mixes with other medium.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2012

(21) Application No.3768/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROESS OF MAKING SINGLE LAYER ULTRAFILTRATION MEMBRANCE INSIDE CLAY-ALUMINA POROUS TUBULAR SUPPORT

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SARKAR SANDEEP
3)SAHOO GANESH CHANDRA
4)CERNEAUX SOPHIE
5)LARBOT ANDRE
6)BANDYOPADHYAY SIBDAS

(57) Abstract :
The present invention relates to a process of making single layer ultrafiltration membrane inside clay-alumina porous tubular support instead of multiple layer coating and a process thereof to make single layer coating having pore sizes less than 20 nm and atmost 50 nm is disclosed. A mesoporous membrane layer having an average pore diameter smaller than 50 nm is formed on the porous tubular support made of a mixture of clay and alumina with thickness from 1.0 mm to 3 mm; OD from 9 mm to 35 mm; ID from 6 mm to 25 mm; pore size from 0.5 to 2.0 m. Ceramic slurry made of individual nanosized powder consisting of Zr02 and/or Ab03 boehmite is deposited inside the porous tubular support, dried in air followed by firing to a temperature of atleast 400DC and atmost 800DC to form a ultrafiltration ceramic membrane having an average pore diameter in the range of 18 nm and less than 50 nm. 18

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6111/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TRANSMISSION RESOURCES IN TIME OR FREQUENCY USING ANALOG MODULATION

(51) International classification :H04L1/00,H04N7/26,H04L27/26
(31) Priority Document No :13/010420
(32) Priority Date :20/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021017
Filing Date :12/01/2012
(87) International Publication No :WO 2012/099761
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WILFORD Paul A.

(57) Abstract :
In one aspect an encoder comprises arbitrary precision multiple description generation circuitry configured to produce multiple descriptions of a given signal by processing the signal using at least one matrix having a dimension which is selected as a function of a designated number of transmission resources such as OFDM subcarriers or TDM time slots that are allocated for transmission of the multiple descriptions. For example the signal may comprise a vector x of dimension N and the arbitrary precision multiple description generation circuitry may be configured to generate M descriptions of the vector x where the value of M is selected to satisfy a particular one of three possible cases M = N M > N and M < N depending on the number of subcarriers or time slots allocated for transmission of the multiple descriptions. Other aspects include a decoder encoding and decoding methods and associated computer program products.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2012

(21) Application No.2453/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SURFACE MODIFICATION OF HAFNIUM OXIDE (HFO2) FOR MICROFLUIDIC APPLICATIONS

(51) International classification :C07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)NITI NIPUN SHARMA

(57) Abstract :
Considerable attention has been drawn during the last few decades to modify the metal and semiconductor surface by forming thin organic films on top of them. The purpose is to achieve characteristics like hydrophobicity, roughness, ligand-binder layer etc. Formation of such organic films can be achieved by different method. A more favoured way in the scientific community is Self Assembled Monolayer (SAM) and is achieved by silanisation from solution. Deposition from solution is often used due to the simplicity of the method and low setup cost. These methods have been widely-used for microfabricated materials such as silicon dioxide, silicon nitride etc. which are commonly used in microelectronics and microfluidics application.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6117/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIFE ESTIMATION DEVICE AND LIFE ESTIMATION METHOD FOR ROLLING BEARING

(51) International classification :G01M13/04
(31) Priority Document No :2011006569
(32) Priority Date :17/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050454
Filing Date :12/01/2012
(87) International Publication No :WO 2012/098979
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUJITA Takumi

(57) Abstract :
A device for estimating the lifetime of the rolling bearing assembly equipped with inner and outer rings and a plurality of rolling elements interposed between respective rolling surfaces of the inner and outer rings is provided. The lifetime estimation device includes a buildup height estimation unit for estimating the buildup height of the indentation, as measured from one of the rolling surface of the inner and outer rings, in which the indentation has been formed, from the depth or the indentation size of the indentation in accordance with a predetermined rule, and a lifetime estimation unit for estimating the lifetime of the rolling bearing assembly in accordance with a rule determined by the relationship between the buildup height of the estimated indentation and the rate of reduction in lifetime of the rolling fatigue life and the dynamic equivalent load.

No. of Pages : 42 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6118/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PYRAZOLE CARBOXYLIC ACID AMIDE

(51) International classification :C07D231/14,C07C251/56
(31) Priority Document No :11151965.8
(32) Priority Date :25/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/051075
Filing Date :25/01/2012
(87) International Publication No :WO 2012/101139
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FABER Dominik
3)KOENIG Stefan

(57) Abstract :
The invention relates to a process for the preparation of 3-difluoromethyl-l -methyl- 1 H-pyrazole-4-carboxylic acid (9-dichloromethylene-l,2,3,4-tetrahydro-l,4-methano-naphthalen-5-yl)-amide by acylating the oxime oxygen of the compound of formula (VIII), in the presence of a solvent and an acylating agent of formula (XI) RiC(X)-CI (XI); wherein X is oxygen or sulfur; Ri is chloro if X is oxygen or sulfur; or R l is Ci-C6alkoxy, CH3-C(=CH2)-0-, phenoxy or trichloromethoxy if X is oxygen; and a) if Ri is chloro and the compound of formula (XI) was added to the compound of formula (VIII); reacting the so obtained product of formula (XUa) wherein X is oxygen or sulfur; with the compound of formula (GC) b) if R i is chloro and the compound of formula (VIII) was added to the compound of formula (XI); or R i is Ci-C alkoxy, CH -C(=CH 2)-0-, phenoxy or trichloromethoxy if X is oxygen; reacting the so obtained product of formula (XII) wherein X is oxygen or sulfur; R i is chloro if X is oxygen or sulfur; or Ri is Ci-C 6alkoxy, CH -C(=CH 2)-0-, phenoxy or trichloromethoxy if X is oxygen; with the compound of formula (IX) .

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2013

(21) Application No.3959/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELASTIC MACROPOROUS SCAFFOLDS WITH TUNABLE PORE SIZE FROM COVALENT SELF-ASSEMBLY OF NANO AND MICROPARTICLES

(51) International classification :A61B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAJA RAJAMANICKAM
3)SAYAM SENGUPTA

(57) Abstract :
The present invention discloses elastic macro porous scaffold and a process for the preparation thereof . The present invention also provides a process for the preparation of macroporous, elastic nano particulate scaffolds comprising of coated or grafted cross linkable nanoparticles, and a crosslinker prepared by crosslinking during ice templating, wherein the modulus increases linearly with temperature.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6108/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CATALYST FOR PRODUCING MONOCYLIC AROMATIC HYDROCARBON AND METHOD FOR PRODUCING MONOCYCLIC AROMATIC HYDROCARBON

(51) International classification :B01J29/40,C07C4/06,C07C15/04
(31) Priority Document No :2010294185
(32) Priority Date :28/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/080390
Filing Date :28/12/2011
(87) International Publication No :WO 2012/091092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KOBAYASHI Masahide
3)IWASA Yasuyuki
4)IDA Ryoji

(57) Abstract :
The catalyst for producing aromatic hydrocarbon is for producing monocyclic aromatic hydrocarbon having 6 to 8 carbon number from oil feedstock having a 10 volume% distillation temperature of 140°C or higher and a 90 volume% distillation temperature of 380°C or lower and contains crystalline aluminosilicate and phosphorus. A molar ratio (P/Al ratio) between phosphorus contained in the crystalline aluminosilicate and aluminum of the crystalline aluminosilicate is from 0.1 to 1.0. The I production method of monocyclic aromatic hydrocarbon is a method of bringing oil feedstock having a 10 volume% distillation temperature of 140°C or higher and a 90 volume% distillation temperature of 380°C or lower into contact with the catalyst for producing monocyclic aromatic hydrocarbon.

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6109/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN INSECT TRAP

(51) International classification :A01M1/04,A01M1/14,A01M1/22
(31) Priority Document No :GB1021293.4
(32) Priority Date :15/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/001719
Filing Date :14/12/2011
(87) International Publication No :WO 2012/080698
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KAYE Mathew Varghese

(57) Abstract :
The invention relates to an insect trap (10) and more particularly to an insect trap which has been designed to facilitate the destruction of micro organisms thereby countering odours and mitigating against the spread of germs. The trap (10) comprises a. a housing (12); b. a cover (14); c. one or a plurality of insect attracting lights (16); and d. an insect catching means (18) and further comprises a UVC lamp which emits radiation (or other means) which is capable of destroying air borne pathogens. The insect attractant lamps (16) heat the air which is convected as a consequence of louvered openings (26) in the cover and an opening (30) in the top (28) of the trap and circulate across the UVC lamp where the micro organisms are killed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6110/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TOOL FOR ANALYSING LIQUID DISCHARGE DATA IN AN ABSORBENT ARTICLE AN ABSORBENT ARTICLE ADAPTED FOR LIQUID DISCHARGE DATA COLLECTION AND A CONTROL UNIT INTERACTING WITH THE ABSORBENT ARTICLE FOR COLLECTING THE LIQUID DISCHARGE DATA

(51) International classification :A61F13/42
(31) Priority Document No :1022028.3
(32) Priority Date :23/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2011/073456
Filing Date :20/12/2011
(87) International Publication No :WO 2012/084987
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ELFSTR–M Allan
2)BOSAEUS Mattias

(57) Abstract :
An absorbent article for absorbing liquid discharge (e.g. urination menstruation or faecal liquid) when worn on the crotch region of the body of a user. The absorbent article comprises a plurality of detection zones for detecting the liquid discharge. Each detection zone is provided by first and second electrically conductive paths that are electrically isolated from one another and arranged so that a liquid discharge between the first and second conductive paths allows electrical current to flow between the first and second conductive paths which is able to be detected to detect the presence of liquid discharge in the respective zone. The plurality of zones are longitudinally distributed with respect to the absorbent article along an absorbent core of the absorbent article to allow the longitudinal extent of the discharge to be ascertained. The first and second conductive paths are longitudinally spaced from one another. The first and second conductive paihs are elongate and are laterally aligned.

No. of Pages : 35 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6112/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTUITIVE TECHNIQUES AND APPARATUS FOR OPHTHALMIC IMAGING

(51) International classification :A61B3/10
(31) Priority Document No :61/422467
(32) Priority Date :13/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064558
Filing Date :13/12/2011
(87) International Publication No :WO 2012/082696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YATES Paul A.
2)TRAN Kenneth

(57) Abstract :
Apparatus and techniques can include using one or more of a portable or fixed optical system to obtain images of a desired anatomical target such as the fundus region of a human eye. The optical system can include one or more of a laser based focusing target a laser based fixation target or a removable or adjustable alignment assembly. Such an alignment assembly can provide or allow user alignment based on using anatomical landmarks other than the fundus being imaged. One or more of the apparatus or techniques can be implemented in an optical assembly included as a portion hand held fundus camera such as including or using a consumer or commercial digital camera to capture an image.

No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6113/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FERMENTATIVE PRODUCTION OF METHIONINE HYDROXY ANALOG (MHA)

(51) International classification :C12P13/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2010/003516
Filing Date :30/12/2010
(87) International Publication No :WO 2012/090022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FIGGE Rainer
2)DISCHERT Wanda

(57) Abstract :
The present invention is related to a method for the fermentative production of hydroxymethionine comprising the steps of : culturing a recombinant microorganism modified to produce methionine in an appropriate culture medium comprising a source of carbon a source of sulfur and a source of nitrogen recovering hydroxymethionine from the culture medium. In a specific embodiment the recombinant microorganism is cultivated under conditions of nitrogen limitation. The invention is also related to the biologically produced hydroxymethionine and its uses.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6114/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RECEIVER SIDE DATA DEDUPLICATION IN DATA SYSTEMS

(51) International classification :G06F7/00
(31) Priority Document No :12/981393
(32) Priority Date :29/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066375
Filing Date :21/12/2011
(87) International Publication No :WO 2013/081637
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SORENSON III James Christopher

(57) Abstract :
Methods and apparatus for receiving uploaded data from a sender at a receiver. A data deduplication technique is described that may reduce the bandwidth used in uploading data from the sender to the receiver. In the technique the receiver rather than the sender maintains a fingerprint dictionary for previously uploaded data. When a sender has additional data to be uploaded the sender extracts fingerprints for units of the data and sends the fingerprints to the receiver. The receiver checks its fingerprint dictionary to determine the data units to be uploaded and notifies the sender of the identified units which then sends the identified units of data to the receiver. The technique may for example be applied in virtualized data store systems to reduce bandwidth usage in uploading data.

No. of Pages : 60 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6115/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROTEIN HYDROLYSATE COMPOSITIONS HAVING ENHANCED CCK AND GLP 1 RELEASING ACTIVITY

(51) International classification :A23L1/29,A23L1/305,A21D2/26
(31) Priority Document No :61/445593
(32) Priority Date :23/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026250
Filing Date :23/02/2012
(87) International Publication No :WO 2012/141795
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KRUL Elaine S.
2)TULK Barry
3)PAWLIK Mary K.
4)LOMBARDI Jason F.

(57) Abstract :
The present invention provides protein hydrolysate compositions having enhanced cholecystokinin (CCK) and/or giuoagon like peptide 1 (GLP 1) releasing activity and food forms incorporating the protein hydrolysate compositions which can be used to promote satiety.

No. of Pages : 71 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6116/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROTECTIVE DEVICE

(51) International classification :H02H9/04,H01H9/54,H02H5/04
(31) Priority Document No :2010280589
(32) Priority Date :16/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079018
Filing Date :15/12/2011
(87) International Publication No :WO 2012/081659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)OOHIRA Masayuki
2)SUZUKI Katsuaki
3)TANAKA Arata

(57) Abstract :
The present invention provides a protection device which provides a greater degree of freedom in a disposition of the bimetal switch as well as be able to more accurately control an actuation of the bimetal member of the bimetal switch. The protection device characterized in that the device comprises a bimetal switch wherein a first PTC member and a bimetal member are connected electrically in parallel with each other; and a second PTC member; and the bimetal member is disposed to be actuated by tripping of the second PTC member.

No. of Pages : 48 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1395/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM FOR LIVE LUBRICATION OF SECONDARY GEAR

(51) International classification :H04N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)VIKAS DHIMAN
3)SHAKTI KUMAR SINGH
4)KRATIKA GUPTA

(57) Abstract :
This invention relates to a system for live lubrication of secondary gear comprising Secondary Idler Shaftassembled to the Housing Valve Timing Gear, and Secondary Idler Gearmounted on the shaft. It is associated with the following advantageous features:- Reduction in the friction and wear between the gears. - Prevention of corrosion. - Reduction in operating noise. - Improvement in heat transfer. - Removal of foreign or wear particles from the critical contact areas of the gear tooth surfaces. Provision of secondary idler gear in order to increase the speed. This results in the drive ratio of 1.5:1 with respect to crank speed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1396/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A MULTI ENZYME FORMULATION FOR WASHING WOVEN PRODUCTS AND A WASHING SYSTEM THEREOF.

(51) International classification :C12N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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3)SUMAN MISRA
4)PRADEEP SRIVASTAVA

(57) Abstract :
This invention relates to a multi enzyme formulation for washing carpets comprising of atleast one of enzymes comprising of Amylases(A), acid Proteases (P) , lipases(L), cellulases (C), and Pectinases etc. Further, this invention also relates to a washing system comprising of a tank accommodating a platform connected to a leverage device, and a scrubber for scrubbing carpets mounted on the tank.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6121/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : Z DIRECTED COMPONENTS FOR PRINTED CIRCUIT BOARDS

(51) International classification :H05K1/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/022005
Filing Date :21/01/2011
(87) International Publication No :WO 2012/099596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FESSLER John Thomas
3)HALL Paul Kevin
4)NALLY Brian Lee
5)OGLESBEE Robert Aaron

(57) Abstract :
A design for a Z directed component for insertion into a printed circuit board while allowing electrical connection to internal conductive planes contained with the PCB. In one embodiment the Z directed component is mounted within the thickness of the PCB allowing other components to be mounted over it. The body may contain one or more conductors and may include one or more surface channels or wells extending along at least a portion of the length of the body. Z directed components include high frequency signal pass throughs capacitors diodes transistors transmission lines delay lines. Methods for mounting Z directed components are also provided.

No. of Pages : 53 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6122/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TIRE BLADDER

(51) International classification :B29C33/02,C08K3/04,C08K5/17
(31) Priority Document No :2011006707
(32) Priority Date :17/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050850
Filing Date :17/01/2012
(87) International Publication No :WO 2012/099117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)IKARI Satoru
2)ABE Yasushi
3)HAGIWARA Shogo

(57) Abstract :
Provided is a tire bladder made of an acrylic rubber composition which is superior in processing safety and mechanical characteristics and further exhibits large stretchability in a high temperature atmosphere. A tire bladder comprises at least an acrylic rubber composition in which 30 to 200 weight parts of carbon black having an arithmetic average particle diameter of 20 to 30 nm measured on the basis of JIS Z8901 and a DBP oil absorption of 70 to 130 ml/100 g 0.1 to 5 weight parts of imidazole compound as an antioxidant and 0.1 to 10 weight parts of polyamine compound as a vulcanizing agent per 100 weight parts of acrylic rubber which contains 94.5 to 99.5 % by weight of structural unit derived from (meta) alkyl acrylate and 0.5 to 3 % by weight of a monoalkyl maleate unit and/or a structural unit derived from mono alkoxyalkyl maleate.

No. of Pages : 44 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6123/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PERFORATING GUN WITH VARIABLE FREE GUN VOLUME

(51) International classification :E21B43/117
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/021722
Filing Date :19/01/2011
(87) International Publication No :WO 2012/099585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LE Cam
2)HAGGERTY Dennis J.

(57) Abstract :
A method of adjusting a pressure reduction to occur in a wellbore following firing of at least one perforating gun can include determining a desired free gun volume which corresponds to a desired pressure reduction in the wellbore resulting from firing of the perforating gun and varying a free gun volume of the perforating gun until the free gun volume is substantially the same as the desired free gun volume. A well system can include at least one perforating gun positioned in a wellbore the perforating gun comprising multiple perforating charges and a free gun volume and the free gun volume being reduced by presence of a flowable material about the multiple perforating charges.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013

(21) Application No.6017/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VARIATOR MULTIPLEX VALVE SCHEME FOR A TORROIDAL TRACTION DRIVE TRANSMISSION

(51) International classification :F16H61/30
(31) Priority Document No :61/423297
(32) Priority Date :15/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064865
Filing Date :14/12/2011
(87) International Publication No :WO 2012/082871
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LONG Charles F.
2)WEBER Darren J.
3)FULLER John William Edward

(57) Abstract :
An apparatus and method are disclosed for controlling fluid flow to a variator which responsive to separate high and low pressure fluids to control an output torque thereof. A first trim valve may be responsive to a first control signal to supply a first fluid at a fluid outlet thereof. A second trim valve may be responsive to a second control signal to supply a second fluid at a fluid outlet thereof. A variator switching sub system may controllably supply the high pressure fluid and the low pressure fluid to the variator. A multiplex valve may be fluidly coupled to the outlets of the first and second trim valves and may supply the first fluid as the high pressure fluid to the variator switching sub system during at least one predefined operating condition and may otherwise supply the second fluid as the high pressure fluid to the variator switching sub system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6131/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR DETECTING STREPTOCOCCUS AGALACTIAE USING ESTERASE ACTIVITY

(51) International classification :C12Q 1/20
(31) Priority Document No :0452068
(32) Priority Date :16/09/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR05/050739
Filing Date :14/09/2005
(87) International Publication No :WO 2006/032809
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1513/DELNP/2007
Filed on :26/02/2007

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LAURENCE BARBAUX
2)DENIS ROBICHON

(57) Abstract :
The present invention concerns a method for specifically detecting and identifying Streptococcus agalactiae, using a reaction medium comprising at least one esterase enzymatic substrate.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6132/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADHESION PROMOTER RESIN COMPOSITIONS AND COATING COMPOSITIONS HAVING THE ADHESION PROMOTER RESIN COMPOSITIONS

(51) International classification :C09D5/08,C09D163/00
(31) Priority Document No :61/427863
(32) Priority Date :29/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/073935
Filing Date :23/12/2011
(87) International Publication No :WO 2012/089657
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DYER David John
3)HIGGS Stuart

(57) Abstract :
Coating compositions are disclosed having a non bisphenol A based film forming resin and an adhesion promoter resin. The coating compositions provide an alternate to epoxy resins that still allow melamine formaldehyde free cure blush resistance capability to retort and can withstand hard to hold beverages. In some embodiments the coating compositions are used to coat substrates such as cans and packaging materials for the storage of food and beverages. Substrates can be coated by preparing an adhesion promoter composition by a method including mixing an epoxidized resin and a solvent to form a mixture adding a phosphoric acid compound to the resulting mixture to form a phosphate ester adding water to partially hydrolyze the phosphate ester and adding a neutralizer to form the adhesion promoter resin followed by blending the adhesion promoter resin with a non bisphenol A based film forming resin to form a coating composition and applying the coating composition to the substrate.

No. of Pages : 20 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6134/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITION AND SYSTEM FOR FLOCCULATING OR SETTLING SOLIDS FROM LIQUIDS AND METHODS FOR USING SAME

(51) International classification :B01D21/01,C02F1/52,C02F1/56
(31) Priority Document No :61/433433
(32) Priority Date :17/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/000051
Filing Date :17/01/2012
(87) International Publication No :WO 2012/097442
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A composition and its method of manufacture is provided for the settling of solids suspended in liquids passing through a reactor housing containing the composition whereupon the composition can dissolve and enter into the liquid and then contact the suspended solids in the liquid. A system and method of for treating water or sewage is further provided. The system can include a screening tank a septic tank a flocculant and mixing reactor a primary clarifier a secondary clarifier a sludge dewatering tank a surge tank one or more filter tanks and a disinfection tank. The method can include the steps of receiving water or sewage to be treated and passing it through a screening tank and septic tank a flocculant reactor a primary clarifier a secondary clarifier a sludge dewatering tank a surge tank one or more filter tanks and a disinfection tank.

No. of Pages : 51 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013

(21) Application No.6025/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONVEYING UNIT FOR CONVEYING REDUCING AGENT

(51) International classification :F01N3/20
(31) Priority Document No :10 2011 010 640.5
(32) Priority Date :09/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051807
Filing Date :02/02/2012
(87) International Publication No :WO 2012/107351
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MAGUIN Georges
2)BADOUAL Loic

(57) Abstract :
The invention relates to a conveying unit (1) for conveying reducing agent from a tank (2) to an exhaust gas treatment device (3) for cleaning the exhaust gases from an internal combustion engine (4) wherein the conveying unit (1) comprises a flange (8) defined at least by a first side (10) and by a second side (11). The first side (10) and the second side (11) are arranged so as to be mutually opposed at least in part. At least a filter (12) a biased ice pressure compensation means (13) and/or a flexible ice pressure compensation means (14) is/are arranged on the first side (10). At least a pump (15) a pressure sensor (16) and/or a temperature sensor (17) is/are arranged on the second side (11).

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6137/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TOOTHBRUSH WITH OPTICAL INDICATION ELEMENT

(51) International classification :A46B15/00
(31) Priority Document No :61/440929
(32) Priority Date :09/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024436
Filing Date :09/02/2012
(87) International Publication No :WO 2012/109420
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JUNGNICKEL Uwe

(57) Abstract :
An oral hygiene implement is described herein. The oral hygiene implement has a handle; a head and a neck disposed between the handle and the head. The head has a plurality of contact elements. A sealing element is positioned between the handle and the neck. The sealing element is translucent. An indication element is positioned between the adjacent the sealing element. A light emitting source provides electromagnetic energy to the indication element and the electromagnetic energy passes through the sealing element.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6138/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLOW REGULATION MEMBER FOR MOLTEN METAL PLATING TANK AND CONTINUOUS MOLTEN METAL PLATING DEVICE

(51) International classification :C23C2/00,C23C2/40
(31) Priority Document No :2011005847
(32) Priority Date :14/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050740
Filing Date :16/01/2012
(87) International Publication No :WO 2012/096401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMAUCHI Yu
3)Oyama Tsukasa
4)OMODAKA Masaaki
5)FURUTA Noboru
6)NISHIZAWA Koichi

(57) Abstract :
A flow regulating member of a hot dip coating tank which is able to suppress stir-up of bottom dross, 5 characterized by being provided with flow regulating member horizontal plates which are respectively arranged horizontally from below two side end parts of a sink roll, which is arranged inside of a coating tank in a rotatable manner, toward outside directions of the sink 10 roll and side members which are arranged at positions separated from the two ends of the sink roll, which extend upward from the end parts of the respective horizontal plates, and in which large numbers of dispersion holes are formed, the side members having an 15 aperture ratio of 20 to 80%, and the dispersion holes having a hole diameter of 5 to 50 mm.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6139/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TOOL HOLDER AND MACHINE TOOL

(51) International classification :B23Q11/10
(31) Priority Document No :PCT/JP2011/051251
(32) Priority Date :24/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079231
Filing Date :16/12/2011
(87) International Publication No :WO 2012/101929
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEE Sung Geun

(57) Abstract :
An object of the present invention is to provide a tool holder and a machine tool with which a coolant can b.e ejected from a position close to a work part and the coolant can be supplied to a desired position without the need to provide an oil feeding hole in a tool interior. A tool holder 1 includes: a shank portion 2A gripped by a main shaft S; a tool attachment portion 2B having an insertion port 4 into which a tool T is inserted in a tip end surface 5 thereof; a cover 20 having a tubular wall 22 that covers an outer periphery of the tool attachment portion 2B and a bottom surface 24 that covers the tip end surface 5 of the tool attachment portion 2B; a bearing 30 provided between the tubular wall 22 of the cover 20 and the tool attachment portion 2B; and a stopper 40 that prevents the cover 20 from co-rotating with the tool attachment portion 2B. A through hole 21 penetrated by the tool T and an ejection port 23 disposed on a periphery of the through hole 21 in order to eject the coolant toward the tool T are provided in the bottom surface 24 of the cover 20.

No. of Pages : 79 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6124/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DERIVATION AND CONVERSION OF NATURAL OILS WITH CHEMICAL COMPOSITIONS FOR HYDROPROCESSING TO TRANSPORT FUELS

(51) International classification :C10L1/02,C10G3/00
(31) Priority Document No :61/428291
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064367
Filing Date :12/12/2011
(87) International Publication No :WO 2012/091905
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHABAKER John W.

(57) Abstract :
Methods apparatus and/or feedstock suitable for use in biofuels production as well as biofuel compositions. A method of producing a biofuel includes hydroprocessing glycerides derived from an oleaginous microorganism and composed of at least 10 % by weight of fatty acid chains of length C16 or lower and producing a biofuel having a cold flow pour point of about 20° Celsius or lower.

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6125/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POLYMERIC COMPOSITES

(51) International classification :D21H23/00
(31) Priority Document No :61/442716
(32) Priority Date :14/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024705
Filing Date :10/02/2012
(87) International Publication No :WO 2012/112398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHAH Harshadkumar M.
3)CERNOHOUS Jeffrey Jacob
4)GRANLUND Neil R.
5)FISH David E.

(57) Abstract :
A composition comprising 65 to 90 weight percent kraft chemical wood pulp fibers and a thermoplastic polymer and a method of making the composition. A composition comprising 65 to 90 weight percent kraft chemical wood pulp fibers and a thermoplastic polymer and a method of making the composition. In one embodiment amounts of about 5 10 % and in another 0.2 5 % of the coupling agent is incorporated into composite formulations and melt processable compositions. Fillers and fibers other than chemical wood pulp fibers may be added to the fiber/polymer blend to impart desirable physical characteristics or to reduce the amount of polymer needed for a given application.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6126/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCTION OF SHAPED DENTAL PARTS COMPOSED OF POROUS GLASS

(51) International classification :C03C3/091,C03C11/00,C03C4/00
(31) Priority Document No :10 2010 056 037.5
(32) Priority Date :17/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/073255
Filing Date :19/12/2011
(87) International Publication No :WO 2012/080513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CRAMER VON CLAUSBRUCH Sascha
3)WINTERLING Michael

(57) Abstract :
The invention discloses a blank for producing dental shaped parts which consists entirely of porous glass without crystalline portions. The density of the blank is between 50% and 95% of its theoretical density. It has a discoidal shape with a diameter of at least 20 mm.The blank is produced by a process in which glass powder is first pressed at a pressure of between 10 MPa and 300 MPa and this green body is (pre-)sintered at a temperature of between 580°C and 750°C to form a blank of porous glass without crystalline portions.From the obtained blank, monolithic dental shaped parts can be obtained by mechanical processing followed by sintering, wherein a process according to the invention for stabilizing the shape of the shaped parts is used.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6127/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR MANUFACTURING ANODE ACTIVE MATERIAL

(51) International classification :H01M4/04,H01M4/583,H01M4/1393
(31) Priority Document No :1020110013068
(32) Priority Date :15/02/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/000405
Filing Date :18/01/2012
(87) International Publication No :WO 2012/111918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHANG WonSeok
3)HAN JungMin

(57) Abstract :
Disclosed is a method for preparing an anode active material comprising a core composed of a crystalline carbon-based material, and a composite coating layer composed of one or more materials selected from the group consisting of low crystalline 5 carbon and amorphous carbon, and silicon oxide enabling intercalation and deintercalation of ions, the method comprising (a) mixing a precursor for a raw material of the one or more materials selected from the group consisting of low crystalline carbon and amorphous carbon with silicon oxide enabling intercalation and deintercalation of ions, followed by purification, to prepare a mixture for coating, (b) 10 mixing the mixture for coating with a crystalline carbon-based material to prepare a core-shell precursor comprising the raw material mixture for coating applied to the core composed of the crystalline carbon-based material, and (c) baking the core-shell precursor to carbonize the raw material of the one or more materials selected from the group consisting of low crystalline carbon and amorphous carbon into the one or more 15 materials selected from the group consisting of low crystalline carbon and amorphous carbon.

No. of Pages : 35 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6038/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SURGICAL AIMING DEVICE

(51) International classification :A61B17/17
(31) Priority Document No :13/016081
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023055
Filing Date :29/01/2012
(87) International Publication No :WO 2012/103535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
A hinged pivoting guide for positioning a femoral tunnel in anterior cruciate ligament (ACL) reconstruction locates a drilling hole for placement that optimally penetrates a minimal depth of soft tissue (skin muscle etc.) yet directs drilling into a sufficiently rigid and structurally sound area of the femur. The hinged guide allows placement of an aimer point at a desired drilling exit location on the femur. The hinge is adapted to secure the aimer at a degree of rotation about an axis defined by the hinge rotation such that the axis passes through the aimer point throughout rotation of the hinge while maintaining the aimer point in line with an insertion guide slideably movable through the aperture in the handle the aperture defined by an insertion axis extending toward the aimer point such that the aimer point remains disposed at the intersection of the hinge axis and the insertion axis.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6039/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DUAL HARDNESS STEEL ARTICLE AND METHOD OF MAKING

(51) International classification :F41H5/04,B21B1/00,C21D9/42
(31) Priority Document No :12/986213
(32) Priority Date :07/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066691
Filing Date :22/12/2011
(87) International Publication No :WO 2012/094160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BAILEY Ronald E.
3)SWIATEK Glenn J.

(57) Abstract :
A dual hardness steel article (10) comprises a first air hardenable steel alloy (12) having a first hardness metallurgically bonded to a second air hardenable steel alloy (14) having a second hardness. A method of manufacturing a dual hard steel article (10) comprises providing a first air hardenable steel alloy part comprising a first mating surface and having a first part hardness and providing a second air hardenable steel alloy part comprising a second mating surface and having a second part hardness. The first air hardenable steel alloy part is metallurgically secured to the second air hardenable steel alloy part to form a metallurgically secured assembly and the metallurgically secured assembly is hot rolled to provide a metallurgical bond between the first mating surface and the second mating surface.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6040/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENCODER READHEAD APPARATUS

(51) International classification :G01D5/347
(31) Priority Document No :1100190.6
(32) Priority Date :07/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/000012
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093253
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to an encoder readhead (4;80;1 10). The readhead comprises a housing (6;82) having an opening (18) for capturing an encoder scale (2; 124) comprising an elongate rod having a substantially circular cross section the opening (18) defining an axial direction along which a captured encoder scale (2; 124) can slide back and forth. A scale reader (10) which may comprise an array of Hall sensors is provided for reading a portion of an encoder scale (2; 124) located in the opening (18). The housing (6;82) includes an access portion (30) that allows the encoder scale (2; 124) to be inserted into and/or removed from the opening (18) by a relative movement between the housing (6;82) and the encoder scale (2; 124) in a direction other than the axial direction.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6152/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CONDITIONING AIR

(51) International classification :F24F3/14,B01D53/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/060037
Filing Date :13/12/2010
(87) International Publication No :WO 2012/082093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An apparatus and a method for conditioning air has a quantity of liquid desiccant. A first portion of a first airflow is received in a first contact volume such that it contacts a first portion of the liquid desiccant. A second contact volume is in parallel with the first contact volume and receives a second portion of the first airflow. At least a portion of a second airflow is brought into contact with a second portion of the liquid desiccant in a third contact volume. A first heat exchanger is associated with the first portion of the liquid desiccant and configured to transfer heat between the first portion of the liquid desiccant and a first medium. A second heat exchanger is associated with the second portion of the liquid desiccant and configured to transfer heat between the second portion of the liquid desiccant and a second medium.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6141/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIRELESS RELAY MODULE FOR REMOTE MONITORING SYSTEMS

(51) International classification :H04W48/18,G06F1/16,H04B7/15
(31) Priority Document No :13/006769
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021007
Filing Date :11/01/2012
(87) International Publication No :WO 2012/097112
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WIESNER Joel D.
3)BREITWEISER Kenneth M.
4)HOLSTE John

(57) Abstract :
A wireless relay module for networked communications between a series of medical devices and a remote monitoring device. An interface circuit coupled to each medical device communicates with the wireless relay module via a wireless relay network. The relay module communicates with the remote monitoring device over an internet accessible wireless communication network and includes a receiver coupled to the wireless relay network a first transmitter coupled to the wireless relay network a second transmitter coupled to the internet accessible wireless communications network; and a controller. The controller determines a status of the internet accessible wireless communications network. When the status indicates that the internet accessible wireless communications network is accessible the second transmitter is selected for transmitting medical device data. When the internet accessible wireless communications network is not accessible the first transmitter is selected for transmitting the data to another wireless relay module.

No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6143/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMBINATION STEROID AND GLUCOCORTICOID RECEPTOR ANTAGONIST THERAPY

(51) International classification :A01N43/42,A61K31/44
(31) Priority Document No :61/430786
(32) Priority Date :07/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020521
Filing Date :06/01/2012
(87) International Publication No :WO 2012/094618
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention provides compositions of an anti inflammatory glucocorticosteroid and a glucocorticoid receptor (GR) modulator useful for inhibiting glucocorticoid receptor induced transactivation without substantially inhibiting glucocorticoid receptor induced transrepression. Also provided are methods of treating a disorder or condition and reducing the side effects of glucocorticosteroid treatment using the compositions of the present invention.

No. of Pages : 33 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6144/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PUMP IN PARTICULAR OF A VEHICLE BRAKING SYSTEM

(51) International classification :B60T8/40,F04B53/16
(31) Priority Document No :10 2011 004 131.1
(32) Priority Date :15/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/074283
Filing Date :30/12/2011
(87) International Publication No :WO 2012/110169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a pump, in particular of a vehicle braking system, having a conveying element (14) for conveying liquid by means of pressure build-up, a supply (23, 42) for supplying liquid to the conveying element (14), and a discharge (40) for discharging the liquid from the conveying element (14), wherein the supply (23, 42) and/or the discharge (40) is/are designed having a formed part (18). According to a second invention, the conveying element (14) is housed in a cylinder (12) designed as a formed part.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6145/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPACT CLOSED LOOP ELECTROLYZING PROCESS AND APPARATUS

(51) International classification :C02F1/461,C25B9/06,C25B9/00
(31) Priority Document No :61/421478
(32) Priority Date :09/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064285
Filing Date :09/12/2011
(87) International Publication No :WO 2012/079056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KUIPHOFF John

(57) Abstract :
This is an electrolytic apparatus and process for the production of Hypochlorous Acid (HClO) and Sodium Hydroxide (NaOH) in a closed loop arrangement. A brine solution in an electrolyzer cell is subjected to an electric current causing HClO and /or NaOH to be produced in water circulated through the cell. The produced solution is recirculated through the cell as its chemical properties are monitored by a sensor connected by a controller which controls a recirculating pump and the electric current until the sensor indicates that the concentration of the solution has reached a desired value and the controller stops the process.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6147/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUPRAPUBIC SAFETY CANNULA

(51) International classification :A61B17/34,A61M25/01
(31) Priority Document No :10 2011 009 482.2
(32) Priority Date :26/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050966
Filing Date :23/01/2012
(87) International Publication No :WO 2012/101089
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HAINDL Hans

(57) Abstract :
The present invention relates to a cannula for puncturing body cavities, comprising an inner and an outer longitudinally cut sleeve with proximal and distal ends. The inner sleeve is arranged within the outer sleeve so as to be longitudinally displaceable and rotatable within the outer sleeve such that the longitudinal cut of the inner sleeve is covered by the outer sleeve in a first rotational position and the longitudinal cuts of the inner and outer sleeves are placed on top of each other in a second rotational position. The distal end of the inner sleeve is provided with a puncture tip that is completely retracted into the outer sleeve if the inner sleeve is in the second rotational position, wherein the inner and outer sleeves and/or the two handle portions are, preferably unreleasably, locked to one another.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6049/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SWITCH HAVING A QUENCHING CHAMBER

(51) International classification :H01H9/44,H01H9/34,H01H1/20
(31) Priority Document No :10194011.2
(32) Priority Date :07/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/072094
Filing Date :07/12/2011
(87) International Publication No:WO 2012/076604
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LANG Volker
2)FRIEDRICHSEN Lutz

(57) Abstract :
The invention provides a switch suitable for multi-pole operation of arcs with fast erasing behaviour that is independent of the individual polarisation, whereby the switch includes at least two switching chambers (11a, 1 lb) with one double interrupter each with two separate fixed contacts (2) with one first contact area (21, 22) each, one movable electrically conducting contact piece (30) with two second contact areas (31, 32) for the respective creation of an electrically conducting connection between the first and second contact areas (21, 22, 31, 32) in the ON state of the switch (1) and for separating the first and second contact areas (21, 22, 31, 32) in the OFF state of the switch (1) and at least two erasing devices (41, 42, 43) for erasing arcs (5) that can occur upon creation of the OFF state between the first and second contact areas (21,22,31,32); as well as at least two magnets (71,72) for creating a magnetic field (M) at least in the area of the first and second contact areas (21, 22, 31, 32) of the switching chambers (11a, 1 lb) for exerting a magnetic force (F) onto the arcs (5), so that at least one of the arcs (5) is driven, independent of the current direction (I) in the arc (5), in the direction of one of the erasing devices (41, 42, 43), whereby the contact pieces (30) of the switching chambers (1 la, 1 lb) are placed such that the second contact areas (31, 32) are essentially in a line perpendicular to the direction of movement (T) of the arcs (5).

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6050/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR CONTROLLING AN AUTOMATIC TRANSMISSION

(51) International classification :F16H61/02
(31) Priority Document No :10 2011 114 439.4
(32) Priority Date :28/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/002503
Filing Date :14/06/2012
(87) International Publication No :WO 2013/045002
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DIETZEL Bernd
2)HOFFMANN Rolf

(57) Abstract :
A method for controlling gear changes in an automatic transmission of a motor vehicle, having the following steps: - predefining different upper threshold speeds of the motor vehicle at which a gear change into a next higher gear takes place; - predefining different lower threshold speeds of the motor vehicle at which a gear change of the automatic transmission into a next lower gear takes place; wherein -one or each upper threshold speed is assigned a lower threshold speed which, to form a shift hysteresis, lies below the upper threshold speed by a predefined difference; - in the presence of the following conditions, a gear change into a next higher gear takes place early already at the lower threshold speed or at a speed between the lower threshold speed and the upper threshold speed: - a required torque of the internal combustion engine, calculated from the vehicle acceleration, after the gear change in order to be able to attain or maintain the present vehicle acceleration or a predefined relatively reduced vehicle acceleration can be provided by the internal combustion engine; - the predicted fuel consumption after the gear change is lower than the present fuel consumption by a predefined amount.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6162/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CLUTCH MEMBER ADAPTED TO REMAIN ENGAGED IN A FIXED POSITION WHILE UNDER A HEAVY LOAD

(51) International classification :F16D23/02
(31) Priority Document No :13/018942
(32) Priority Date :01/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021797
Filing Date :19/01/2012
(87) International Publication No :WO 2012/106123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ZHANG Peiliang P.

(57) Abstract :
A releasable gear type spline clutch (10) can couple a shaft (12) to a wheel (14) rotatably mounted on the shaft. The clutch comprises an annular clutch (20) member axially mounted on the shaft. Mating external and internal first splines (22) are provided respectively on the shaft and the clutch member and mating external and internal second splines (24) are provided respectively on the clutch member and the wheel. The pitch diameter (PD24) of the second splines is greater than the pitch diameter (PD22) of the first splines and the pressure angle (PA22) of the first splines is greater than the pressure angle (PA24) of the second splines. The clutch member is axially shiftable between a disengaged position at which the second splines are out of mesh and an engaged position at which the second splines are meshed. The first splines are meshed in both the engaged and disengaged positions.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6163/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MINERAL OILS CONTAINING PHENOLIC ANTIOXIDANTS WITH IMPROVED COLOR STABILITY

(51) International classification :C10M133/36,C10M141/06
(31) Priority Document No :61/431120
(32) Priority Date :10/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020454
Filing Date :06/01/2012
(87) International Publication No :WO 2012/096836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LIU Bo
2)GATTO Vincent J.
3)ZHAO Gangkai

(57) Abstract :
This invention relates to a mineral oil containing hindered phenolic antioxidants with improved color stability. More particularly it relates to non coloring hindered phenolic blend that contains an oxygen scavenger i.e. dibenzylhydroxyl amine (DBHA) as well as mineral oils containing such a blend.

No. of Pages : 15 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6164/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS OF CONTROLLING INSECTS

(51) International classification :A01N43/22,A01N25/00,A01P7/04
(31) Priority Document No :61/428118
(32) Priority Date :29/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067150
Filing Date :23/12/2011
(87) International Publication No :WO 2012/141754
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SPARKS Thomas C.
2)WATSON Gerald B.

(57) Abstract :
Drosophila melanogasterMethods of controlling insects include applying at least one spinosyn compound to a locus of a neonicotinoid resistant insect such as a strain of resistant to a neonicotinoid compound. The spinosyn compound may be a mixture of spinosyn A and spinosyn D. The spinosyn compound may cause up to approximately ten times increased mortality in the neonicotinoid resistant insect compared to an insect susceptible to a neonicotinoid compound.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6165/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CLEANING DEVICE

(51) International classification :B08B6/00,B08B1/02,B08B1/04
(31) Priority Document No :2011029382
(32) Priority Date :15/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/000935
Filing Date :13/02/2012
(87) International Publication No :WO 2012/111302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MATSUMOTO Hideki
2)OHTA Masashi

(57) Abstract :
An object of the present invention is to provide a cleaning device with a compact structure, capable of firmly pressing a cleaning roller from the upper side. The cleaning device includes a main frame (11) to which the cleaning roller (2) is rotatably attached, and a subframe (12) to which a transfer roller (3), a brush roller (4), and a metal roller (5) are rotatably and integrally attached via bearings (14), and the subframe (12) is attached to the main frame (11) rotatably with a rotation shaft (5a) of the metal roller (5) as the center of rotation. The cleaning roller (2) can be firmly pressed from the upper side via the transfer roller (3) attached to the subframe (12).

No. of Pages : 46 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6166/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INFORMATION DISTRIBUTION DEVICE AND METHOD AND INFORMATION DISTRIBUTION SYSTEM

(51) International classification	:G06F13/00,H04H20/42,H04H60/06
(31) Priority Document No	:2011007292
(32) Priority Date	:17/01/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/050267 :10/01/2012
(87) International Publication No	:WO 2012/098950
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YAMAGISHI Yasuaki

(57) Abstract :
To improve efficiency of information distribution. [Solution] A broadcast resource management server 12 obtains frequency usage state information from WSDBs 21-1 through 21-N when content to be distributed is provided, evaluates, based on the obtained frequency usage state information a distribution time slot to distribute content and a distribution frequency band to use for the distribution, notifies TVBDs 31-1 through 31-M of a distribution schedule so as to be in state capable of reception of the content to be distributed using the distribution frequency band in a distribution time slot, and the broadcast server 11 uses, when a distribution time slot arrives, the distribution frequency band to distribute the content to the TVBDs 31-1 through 31-M in a receivable state in accordance with the distribution schedule. The present invention can be applied to a content distribution system to perform distribution of the content.

No. of Pages : 77 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6167/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PROPYZAMIDE AND BENFLURALIN

(51) International classification :A01N43/60
(31) Priority Document No :61/431070
(32) Priority Date :10/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020591
Filing Date :09/01/2012
(87) International Publication No :WO 2012/096867
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANN Richard K.
2)SORRIBAS AMELA Monica
3)FISHER Marc L.

(57) Abstract :
An herbicidal composition containing (a) propyzamide and (b) benfluralin provides synergistic control of selected weeds.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6168/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONFIDENTIAL PRODUCT SUM COMPUTATION METHOD CONFIDENTIAL PRODUCT SUM COMPUTATION SYSTEM COMPUTATION APPARATUS AND PROGRAM FOR SAME

(51) International classification :G09C1/00,H04L9/08
(31) Priority Document No :2011012126
(32) Priority Date :24/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051199
Filing Date :20/01/2012
(87) International Publication No :WO 2012/102203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)IKARASHI Dai
2)HAMADA Koki
3)CHIDA Koji

(57) Abstract :
Provided is a fast and easy to implement method for performing confidential product sum computation based on coordinated computations by three parties (computation apparatuses). In a confidential computation method in which: a party X performs a party X random number generation step a party X first computation step and a party X second computation step; a party Y performs a party Y random number generation step a party Y first computation step and a party Y second computation step; and a party Z performs a party Z random number generation step a party Z first computation step and a party Z second computation step the computation processes of the respective parties are symmetrically configured.

No. of Pages : 139 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2012

(21) Application No.3271/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR CLEANING CRANK CASE IMPURITIES USING COMPRESSOR SYSTEM

(51) International classification :F16M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)R.K. TYAGI
2)ANUJ RATURI
3)K. CHENDILVELAN

(57) Abstract :
The present invention relates to a system and method for cleaning crank case of an internal combustion engine using pneumatic pressurized air. The method includes cleaning oil that is flushed into the crank case under great pressure using existing compressor systems. The application of this system is made particularly for two wheelers vehicles due to a simple arrangement and low cost.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6069/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHENANTHRIDINE MACROCYCLIC HEPATITIS C SERINE PROTEASE INHIBITORS

(51) International classification :C07D487/04,C07D401/12,A61K31/407
(31) Priority Document No :61/428488
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067701
Filing Date :29/12/2011
(87) International Publication No :WO 2012/092411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)GRAMPOVNIK David J.
5)GREEN Brian
6)MIDDLETON Timothy
7)HOPKINS Todd
8)OR Yat Sun

(57) Abstract :
The present invention relates to novel macrocyclic compounds and methods of treating a hepatitis C infection in a subject in need of such therapy with said macrocyclic compounds. The present invention further relates to pharmaceutical compositions comprising the compounds of the present invention or pharmaceutically acceptable salts esters or prodrugs thereof in combination with a pharmaceutically acceptable carrier or excipient.

No. of Pages : 130 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6070/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMPROVEMENTS IN AND RELATING TO BLOOD SAMPLING DEVICES

(51) International classification :A61B5/15,A61B5/151
(31) Priority Document No :1100222.7
(32) Priority Date :07/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050026
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093268
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HUDSON Christopher

(57) Abstract :
Improvements in and relating to blood sampling devices A blood sampling device comprises a housing and a lancet supporting a lancet needle or tip the lancet and needle being urged or urgeable in a pricking direction. A trigger mechanism is moveable to a fire position for releasing the lancet to travel in the pricking direction. A removable safety cap initially covers the lancet needle. The lancet has an initial position in which movement of the trigger mechanism to its fire position is blocked and an intermediate position in which the trigger mechanism may be moved to its fire position. The intermediate position is obtainable only on removal of the safety cap.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6182/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMPROVED COUPLER AND CLEVIS FOR A RAILWAY CAR

(51) International classification :B61G3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2010/062491
Filing Date :30/12/2010
(87) International Publication No :WO 2012/091714
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MCMILLEN Richard G.

(57) Abstract :
This disclosure relates to a railway car coupler system that includes a coupler head. The coupler head includes a loading pin receptacle and is configured to form a clevis receptacle. The coupler system also includes a clevis configured to be positioned within the clevis receptacle. The coupler system additxonally includes a loading pin configured to be inserted into the loading pin receptacle to secure the clevis within the clevis receptacle. The loading pin is configured to withstand railway car pulling forces applied to the clevis. The clevis is configured to rotate about the loading pin within the clevis receptacle between an opened position and a closed position with the loading pin inserted within the loading pin receptacle.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6183/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RETENTION MECHANISM IN A DISPENSER FOR RETAINING AN EXCHANGEABLE ROLL OF MATERIAL RETENTION SYSTEM DISPENSER AND METHOD FOR INSERTING A ROLL OF MATERIAL INTO SUCH A RETENTION MECHANISM

(51) International classification :A47K10/38
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/070746
Filing Date :27/12/2010
(87) International Publication No :WO 2012/089233
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BONNEVIER Martin
3)JOKITALO Joonas
4)BILLMANN Craig
5)HJORT Erik

(57) Abstract :
A retention mechanism (1) in a dispenser for retaining an exchangeable roll of material the retention mechanism (1) comprises a housing (2) including a front wall (21) wherein an insertion slot (4) for a bearing pin (80) of an end plug (5) of the exchangeable roll extends along the front wall (21). A cam lock (6) is arranged in the housing (2) so as to be rotatable in a plane which is parallel to the front wall (21) and to the direction of extension of the insertion slot (4). The cam lock (6) includes a retaining means (12) which is movable between an open position and a locked position by rotating the cam lock (6). When the retaining means (12) are in the open position the bearing pin (80) can be inserted into the insertion slot (4) and when the retaining means (12) are in the closed position the bearing pin (80) is retained in a locking section of the insertion slot (4).

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6184/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AREA TRACKING SYSTEMS AND METHODS OF TRACKING ELECTRONIC DEVICES

(51) International classification :H04L29/06,H04L29/08,H04W4/02
(31) Priority Document No :13/006840
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020655
Filing Date :09/01/2012
(87) International Publication No :WO 2012/096890
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WENGROVITZ Michael
2)JANISZEWSKI Tom
3)ZHOU Qiru

(57) Abstract :
Area tracking systems (100) including a plurality of short range sensors (150) that are communicatively connected to a server (110) and methods of tracking electronic devices (160). The electronic devices (160) are tracked by polling for the electronic devices (S500 S600) the polling including transmission of electronic addresses corresponding to the electronic devices and determining whether a reply to the poling is received (S510 S610). The electronic addresses are each stored on one of a plurality of lists. Each of the lists may be polled at a different frequency and may include a different number of electronic device addresses.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6186/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR ACCESSING A SERVICE

(51) International classification :G06F15/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/022297
Filing Date :24/01/2011
(87) International Publication No :WO 2013/137842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GRAVES David Andrew

(57) Abstract :
According to one example of the present invention there is provided a method of accessing a service. The method comprising: receiving from a requesting user a request for a number of accessing users to have access to the service generating service access data associated with the service providing to the requesting user the generated service access data for distribution to the accessing users receiving from an accessing user service access data determining based in part on the received service access data whether the service can be provided and where it is so determined providing the service to the accessing.

No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6187/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GRAPHIC MEDIUM AND METHOD OF MAKING SAME

(51) International classification :B41M5/08,B41M5/50,B41M5/40
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/023201
Filing Date :31/01/2011
(87) International Publication No :WO 2012/105939
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FU Xulong
2)PAL Lokendra
3)SELENSKY Ronald J.

(57) Abstract :
A graphic medium (100) and a method (200) of making same employs a paper core (110) having a normalized opacity within a range of about 0.15 to about 0.4 percent/grams per square meter. The graphic medium includes a first material layer (120) on a first side of the paper core and a second material layer (130 132 134) on one or both of the first side between the paper core and the first material layer and a second opposite side of the paper core. The graphic medium has a translucent opacity between about 40% and about 90%. The method includes mechanically refining (220) a mixture of wood fibers until a paper substrate is formed having the normalized opacity. The paper substrate is calendered (230) using a paper making machine and the first and second material layers are applied (240 250) to form the graphic medium.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6188/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITIONS AND THEIR USE

(51) International classification :B41M5/50,B41M5/44,C08L33/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/023078
Filing Date :29/01/2011
(87) International Publication No :WO 2012/102737
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NIU Bor Jiunn
2)CHEN Haigang
3)POOL Joanna G.
4)UNDERWOOD Lisa A.

(57) Abstract :
A composition includes a mixture including a first polymer and a second polymer. The first polymer includes methyl acrylate or ethyl acrylate residues in an amount of about 15% to about 25% by weight of the first polymer maleic anhydride residues in an amount of about 2% to about 3.5% by weight of the first polymer and ethylene residues. The second polymer includes butyl acrylate residues in an amount of about 5% to about 10% by weight of the second polymer maleic anhydride residues in an amount of about 3% to about 4% by weight of the second polymer and ethylene residues. An amount of the first polymer in the mixture is about 60% to about 90 % by weight. The mixture may further include a pigment LDPE composition wherein the amount of the first polymer in the mixture is about 50% to about 70% by weight.

No. of Pages : 46 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/05/2013

(21) Application No.1390/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL PYRAZOLE DERIVATIVES WITH SILICON INCORPORATION

(51) International classification :C07D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DUMBALA SRINIVASA REDDY
2)REMYA RAMESH
3)RAHUL DILIP SHINGARE

(57) Abstract :
The invention relates to novel silicon incorporated pyrazole compounds of formula-I and process for preparation thereof. The invention further relates to the silicon incorporated pyrazole compounds having antitubercular activity. Further the invention relates to pharmaceutical compositions comprising of silicon incorporated pyrazole compounds of formula-I, for the treatment of tuberculosis.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6080/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SELECTION OF TRANSMISSION PARAMETERS FOR TRANSMIT DIVERSITY TERMINALS

(51) International classification :H04B7/04
(31) Priority Document No :61/430769
(32) Priority Date :07/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/068041
Filing Date :30/12/2011
(87) International Publication No :WO 2012/094241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PELLETIER Benoit
2)ZHANG Hong O.
3)PANI Diana

(57) Abstract :
Disclosed herein are system and method embodiments for selection of transmission parameters for transmit diversity terminals. According to an aspect a method for controlling wireless receive/transmit unit transmission parameters may include configuring a WRTU to transmit dual stream when a first stream is using a predetermined transport format (TF) or subset of the TF. The method may also include applying the configuration to the WRTU.

No. of Pages : 92 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6081/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR USE OF WATER WITH SWITCHABLE IONIC STRENGTH

(51) International classification :C08F22/14,B01D61/00,B01D63/00
(31) Priority Document No :61/423458
(32) Priority Date :15/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/050777
Filing Date :15/12/2011
(87) International Publication No :WO 2012/079175
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MERCER Sean M.
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4)BROWN R. Stephen
5)CLARK Timothy James
6)MARIAMPILLAI Brian Ernest
7)RESENDES Rui
8)WECHSLER Dominik

(57) Abstract :
Methods and systems for use of switchable water which is capable of reversibly switching between an initial ionic strength and an increased ionic strength is described. The disclosed methods and systems can be used for example in distillation free removal of water from solvents solutes or solutions desalination clay settling viscosity switching etc. Switching from lower to higher ionic strength is readily achieved using low energy methods such as bubbling with C0 CS or COS or treatment with Bronsted acids. Switching from higher to lower ionic strength is readily achieved using low energy methods such as bubbling with air inert gas heating agitating introducing a vacuum or partial vacuum or any combination or thereof.

No. of Pages : 228 No. of Claims : 126

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/07/2013

(21) Application No.6082/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR TREATING SUBSTRATES WITH HALOSILANES

(51) International classification :D06M13/51,D06M13/513,D06M13/517
(31) Priority Document No :61/433616
(32) Priority Date :18/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020284
Filing Date :05/01/2012
(87) International Publication No :WO 2012/099719
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)COOK Leon

(57) Abstract :
A method for treating substrates to render them hydrophobic includes penetrating the substrate with a halosilane vapor.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6194/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLABELLATE PLATE FOR SPIRAL ORE DRESSING CHUTE

(51) International classification :B03B5/62
(31) Priority Document No :201120288083.0
(32) Priority Date :09/08/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/070798
Filing Date :31/01/2012
(87) International Publication No :WO 2013/020378
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LI Chunou

(57) Abstract :
Disclosed is a flabellate plate for a spiral ore dressing chute comprising a flabellate plate body (1) which is spiral downwards and obliquely with an upper radial side (2) a lower radial side (3) an outer arc side (4) and an inner arc side (5) formed on the flabellate plate body (1) a plurality of snap fastenings (6) being provided on the lower radial side (3) and a plurality of snap holes (7) being provided on the upper radial side (2) wherein the number of snap fastenings (6) corresponds to the number of snap holes (7) and the snap fastenings (6) match the snap holes (7) in shape and size. The structure thereof is simple.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6195/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REMOVABLE STENT AND METHOD OF PRODUCTION

(51) International classification :A61F2/86,A61F2/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/070309
Filing Date :20/12/2010
(87) International Publication No :WO 2012/084007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)MATTSSON Erney

(57) Abstract :
A removable porous stent is disclosed which can be placed in tubular structures. It can be placed at locations which are unsuitable for permanent stents like across important branches in the vasculature preferably in combination with anticoagulation. The walls of the stent are freely permeable for the blood flow. A temporary stent can be used during treatment of dissections with involvement of side branches. The dissected membrane is relocated to its original place and held in place by the stent until the healing process has reattached the membrane. At this point the stent will be removed. The removable stent can also be used as a carrier of chemotherapy and/or radiation to be placed in tubular structures for local treatment of cancer. The time for treatment is controlled and finished at removal. This approach will give the possibility to increase dosages and reduce side effects. The stent is formed by at least one continuous thread arranged in interconnected loops and having a reversible bind off at one end of the tubular body mechanically securing each loop at said end of the tubular body apart from a single releasable loop. This loop is preferably extended beyond the tubular structure of the stent enabling an initiation of the removal at a distance from the treatment site.

No. of Pages : 57 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6066/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS SYSTEM AND METHOD FOR DETECTING THE PRESENCE AND CONTROLLING THE OPERATION OF MOBILE DEVICES WITHIN A VEHICLE

(51) International classification :H04W4/04,H04W48/04
(31) Priority Document No :61/433854
(32) Priority Date :18/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021256
Filing Date :13/01/2012
(87) International Publication No :WO 2012/145049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HANNON Marwan

(57) Abstract :
An apparatus system and method for determining the presence of a mobile device located in a predetermined detection zone within a vehicle are disclosed. A detection module receives a communication signal determines that the communication signal was transmitted by a mobile device located within a predetermined detection zone within a vehicle and a control module transmits a control signal to the mobile device located within the predetermined detection zone. The system further includes a monitoring logic to monitor a functional system of the vehicle activating the transmission of the control signal by the control module when the monitored functional system is activated and the detection module determines that the communication signal was transmitted by the mobile device located within the predetermined detection zone.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6190/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BIDIRECTIONAL DC DC CONVERTER AND POWER SOURCE SYSTEM

(51) International classification :H02M3/28,H02M3/335
(31) Priority Document No :2011049347
(32) Priority Date :07/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054326
Filing Date :22/02/2012
(87) International Publication No :WO 2012/121016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)IWAO Ken ichi
3)TANABE Tomohiro

(57) Abstract :
A bidirectional DC-DC converter comprises: a first low voltage-side input/output terminal and a second low voltage-side input/output terminal; a low voltage-side rectifying circuit 5 connected to the first low voltage-side input/output terminal and the second low voltage-side input/output terminal; a first high voltage-side input/output terminal and a second high voltage-side input/output terminal; a high voltage-side rectifying circuit connected to the first high voltage-side input/output terminal and 10 the second high voltage-side input/output terminal; a transformer connected between the low voltage-side rectifying circuit and the high voltage-side rectifying circuit; and a controlling circuit that controls operations of switching elements in the low voltage-side rectifying circuit and the high voltage-side rectifying circuit. The 15 controlling circuit achieves soft switching of a switching element in the high voltage-side rectifying circuit in a step-down operation.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6191/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIQUID CRYSTAL DISPLAY SUBSTRATE AND LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification	:G02F1/1343,G02F1/1335,G02F1/1368
(31) Priority Document No	:2011019833
(32) Priority Date	:01/02/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/061876 :24/05/2011
(87) International Publication No	:WO 2012/105067
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)HIBAYASHI Yasuhiro
2)FUKUYOSHI Kenzo

(57) Abstract :
Provided is a substrate for liquid crystal display to execute effective viewing angle control while I preventing a liquid crystal display device from becoming heavy and thick and preventing an aperture ratio from decreasing, by realizing effective vision control without using a vision control element or a vision control pixel. The substrate for liquid crystal display includes a polygonal pixel or a polygonal sub- pixel and linear patterns 7. The polygonal pixel or the polygonal sub-pixel has parallel sides opposite to each other in a plane shape. The linear patterns 7 are included on parallel sides opposite to each other of the polygonal pixel or the polygonal sub-pixel and allows skew light 8 to pass therethrough.

No. of Pages : 91 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6192/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EYEWEAR

(51) International classification :G02C5/14,G02C5/00
(31) Priority Document No :2010291309
(32) Priority Date :27/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004532
Filing Date :10/08/2011
(87) International Publication No :WO 2012/090349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TSUBOTA Kazuo
2)TANAKA Hitoshi

(57) Abstract :
The present invention is provided with a frame and a liquid storage section which is provided within the frame and in which a cavity for storing liquid is formed. The liquid storage section has a gas permeation section which extends from the cavity to the inner surface of the frame and which permits gas to pass therethrough and does not permit liquid to pass therethrough the inner surface facing the wearer s face when the frame is mounted thereon. The liquid storage section is disposed so that the outer surface thereof is located further toward the inner side of the frame than the outer surface thereof.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6089/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INSERTING VIRTUAL CARRIER IN CONVENTIONAL OFDM HOST CARRIER IN COMMUNICATIONS SYSTEM

(51) International classification :H04L5/00
(31) Priority Document No :1101972.6
(32) Priority Date :04/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050212
Filing Date :01/02/2012
(87) International Publication No :WO 2012/104633
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LILLIE Andrew
3)DARWOOD Peter
4)BEALE Martin

(57) Abstract :
A method of allocating transmission resources in an OFDM wireless telecommunication system arranged to communicate data using a plurality of OFDM sub carriers. The method comprises allocating transmission resources provided by a first group of the plurality of OFDM sub carriers within a first frequency band to terminals of a first type; allocating transmission resources provided by a second group of the plurality of OFDM sub carriers within a second frequency band to terminals of a second type the second group being smaller than the first group and the second frequency band being selected from within the first frequency band; transmitting control information comprising resource allocation information for terminals of the first type over a first bandwidth corresponding to the combined first and second groups of OFDM sub carriers; and then transmitting control information comprising resource allocation information for terminals of the second type over a second bandwidth corresponding to the second group of OFDM sub carriers.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6203/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SIX BED PRESSURE SWING ADSORPTION PROCESS OPERATING IN NORMAL AND TURNDOWN MODES

(51) International classification :B01D53/047
(31) Priority Document No :13/004706
(32) Priority Date :11/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020190
Filing Date :04/01/2012
(87) International Publication No :WO 2012/096812
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BAKSH Mohamed S.A.
2)SIMO Marian

(57) Abstract :
The present invention relates to a six bed pressure swing adsorption (PSA) system utilizing new and advanced cycles to obtain enhanced hydrogen recovery from a hydrogen containing feed gas (i.e. synthesis gas). In one such cycle each of the six beds has four pressure equalization steps and at least one of the beds is receiving and processing said feed gas to obtain a hydrogen product gas (i.e. a 6 1 4 cycle).

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6204/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REAMER GUIDE SYSTEMS

(51) International classification :A61B17/17,A61B17/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/022842
Filing Date :28/01/2011
(87) International Publication No :WO 2012/102726
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SYNTHES GMBH
(72)**Name of Inventor :**
1)ROCCI Mirko
2)WEBER Michael Jeffry

(57) Abstract :
A reamer guide system may include a reamer guide that is configured to guide a reamer to at least two bones that are to be reamed to form a countersink. The reamer guide may be configured to temporarily couple to the at least two bones that are to be reamed so as to prevent substantial separation of the at least two bones during the reaming. The reamer guide system may further include a positioning aid that is configured to receive a locating element. The locating element is configured to temporarily couple to a target location adjacent the bones that are to be reamed. The reamer is configured to receive the locating element and advance along the locating element to the target location.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6205/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TURBOPROP POWERED AIRCRAFT

(51) International classification :B64D13/08,B64D15/06
(31) Priority Document No :1100401.7
(32) Priority Date :11/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050013
Filing Date :06/01/2012
(87) International Publication No :WO 2012/095645
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SMITH Stephen John Richard
2)WATT Kieran James

(57) Abstract :
A method and apparatus for a turboprop powered medium altitude long endurance (MALE) aircraft comprising: a heat exchanger (51) comprising a heat storage material for example a heat storage wax; and an air recirculation path (26); wherein the heat exchanger (51) is arranged to cool air recirculating around the air recirculation path (26) which is arranged to provide cooling to the MALE aircraft for example to an equipment bay (18). The heat storage material may be cooled by ground based cooling apparatus when the aircraft is on the ground and/or by ram air when the aircraft is in flight. The heat storage material may have a melting point selected so as to be rendered solid during ground based cooling and/or ram air cooling and/or selected so as to undergo melting whilst cooling the air recirculating around the air recirculation path (26).

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6074/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR AIR CONTAINMENT ZONE AIR LEAKAGE DETECTION

(51) International classification :H05K7/20
(31) Priority Document No :12/982277
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063664
Filing Date :07/12/2011
(87) International Publication No :WO 2012/091868
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BEAN John H. Jr.
2)DONG Zhihai Gordon

(57) Abstract :
A system for measuring hot or cold aisle containment air leakage in a data center includes a plurality of equipment enclosures arranged in a first row and a second row a plurality of panels cooperatively arranged with the plurality of equipment enclosures to form an air containment region and a conduit mounted within the air containment region and sealed at each end the conduit having an orifice and a plurality of openings distributed at substantially uniform intervals along a length of the conduit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6075/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HETEROARYL COMPOUNDS AND METHODS OF USE THEREOF

(51) International classification :C07D471/04,C07D487/04,C07D471/12
(31) Priority Document No :61/431769
(32) Priority Date :11/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020734
Filing Date :10/01/2012
(87) International Publication No :WO 2012/096929
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CAMPBELL John Emmerson
2)JONES Philip
3)HEWITT Michael Charles

(57) Abstract :
Provided herein are heteroaryl compounds methods of their synthesis pharmaceutical compositions comprising the compounds and methods of their use. In one embodiment the compounds provided herein are useful for the treatment prevention and/or management of various disorders such as CNS disorders and metabolic disorders including but not limited to e.g. neurological disorders psychosis schizophrenia obesity and diabetes.

No. of Pages : 121 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6076/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HEAT DISSIPATION DEVICE AND METHOD

(51) International classification :H01L23/467,H01L23/367
(31) Priority Document No :12/981828
(32) Priority Date :30/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063722
Filing Date :07/12/2011
(87) International Publication No :WO 2012/091873
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GAMBORG Gorm
2)SILBERBAUER Kristian
3)TINGSKOV Carsten Nommensen

(57) Abstract :
A heat dissipation device for a heat generating component includes at least one helically shaped air tube having a length. The at least one air tube is thermally coupled to the heat generating component to dissipate heat from the heat generating component. Other embodiments of the heat dissipation device and methods for dissipating heat from a heat generating component are further disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013
(21) Application No.6077/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMBUSTIBLE GAS

(51) International classification :C10L3/10,B23K7/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/055814
Filing Date :11/03/2011
(87) International Publication No :WO 2012/124030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NAKAMUTA Masahiko
2)HASHIMOTO Toshiaki
3)YOSHIDA Yoshifumi
4)MATSUMOTO Kazuto

(57) Abstract :
The present invention is a combustible gas which is easy to store and transport and can improve the quality of the finished state after performing a process such as gas cutting gas welding or brazing. The combustible gas contains 38 45 vol% ethylene by volume with the remainder being hydrogen and unavoidable impurities.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6078/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FUSE CONTINUITY DETECTION

(51) International classification :G01R31/327,H01L31/042
(31) Priority Document No :13/015929
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/000305
Filing Date :27/01/2012
(87) International Publication No :WO 2012/101520
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MCDIARMID Ralph
2)MILETIC Zoran

(57) Abstract :
A method/circuit for determining the continuity of a fuse comprising a first and second galvanic isolators and a fuse signal generation and signal detection units each communicatively coupled to a galvanic isolator. A signal is sent through the first galvanic isolator and received through the second galvanic isolator by the detection unit. A detection signal is generated indicating on whether the electrical signal is present in the closed circuit comprising the fuse. A circuit for determining the continuity of a fuse comprised in a ground fault detection circuit of a photovoltaic array is described.

No. of Pages : 24 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6200/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIRE HARNESS WIRING STRUCTURE

(51) International classification :H02G11/00,B60R16/02,H02G3/04
(31) Priority Document No :2011039723
(32) Priority Date :25/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/064118
Filing Date :21/06/2011
(87) International Publication No :WO 2012/114547
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NAGAYASU Daiki

(57) Abstract :
A wire harness wiring structure is a structure wherein a wire harness is wired between a vehicle body and a door that has installed therein a speaker comprising a protrusion section protruding into the interior side of the vehicle from a door inner panel. This wire harness wiring structure is provided with: a wire harness; a sheathing member that covers a section of the wire harness that is bridged between the vehicle body and the door; a mounting member that is anchored to a section of the sheathing member near one end thereof and mounted onto the vehicle body; a cylindrical guiding section that is arranged along an area spanning from an introducing side rim section of the door to the inside the door via the section above the speaker and that is for guiding a portion of the sheathing member including the other end thereof to a displacement route thereof; and a housing section that is joined with the guiding section within the door arranged at a position along the outer circumference of the protrusion section of the speaker has a draw out opening and that houses therein the wire harness extending out from the other end of the sheathing member in a state of having bypassing clearance space provided therefor.

No. of Pages : 43 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6196/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIDDEN RAIL TYPE WINDOW AND DOOR SYSTEM

(51) International classification :E06B3/46,E06B7/12,E05D15/06
(31) Priority Document No :1020110023911
(32) Priority Date :17/03/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/006252
Filing Date :24/08/2011
(87) International Publication No :WO 2012/124865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KIM Soon Seok

(57) Abstract :
The present invention relates to a hidden rail type window and door system wherein a rail structure is provided separately at a lower structure which is provided at the installation surface of a window and door frame and thus a rail can be very easily replaced maintained and repaired and not be seen from the outside in case of the opening and closing of a window or door. In other words the present invention provides a hidden rail type window and door system having a novel structure wherein a rail structure is separately provided at a lower structure which is provided at the installation surface of a window and door frame thereby allowing a rail to be very easily replaced maintained and repaired and preventing the rail from being seen from the outside in case of the opening and closing of a sliding window or a sliding door while at the same time the upper surface of the hidden rail is made to be flat thereby providing a beautiful appearance and facilitating cleaning and a sealing structure with respect to drafts and noise is improved by a multistage shielding structure.

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6197/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ORAL COMPLEX COMPOSITION COMPRISING OMEGA 3 FATTY ACID ESTER AND HMG COA REDUCTASE INHIBITOR

(51) International classification :A61K9/28,A61K9/48,A61K47/48
(31) Priority Document No :1020110025940
(32) Priority Date :23/03/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/002134
Filing Date :23/03/2012
(87) International Publication No :WO 2012/128587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)IM Ho Taek
4)SHIN Yoon Sub
5)PARK Jae Hyun
6)WOO Jong Soo

(57) Abstract :
An oral complex composition comprising omega 3 fatty acid esters and HMG CoA reductase inhibitor can effectively raise serum HDL level while reducing serum LDL and TG levels and can be used to treat hyperlipidemia owing to its good drug dissolution rate and storage stability with showing no delayed release behavior even after 6 months of accelerated storage.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6198/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENVIRONMENTALLY SUSTAINABLE SECONDARY PACKAGING

(51) International classification :B65D5/42
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/023344
Filing Date :01/02/2011
(87) International Publication No :WO 2012/105960
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HUNTINGTON Elysha
3)GENOVESE Mary
4)PREDA Raluca
5)THIBAULT Richard

(57) Abstract :
An environmentally sustainable secondary packaging that reduces material usage as well as production materials and costs. The secondary packaging is designed to provide clear visual display of the product contained therein and therefore utilizes a clear plastic packaging component. In the interest of increasing environmental sustainability of the secondary packaging usage of clear plastic packaging material and also processing steps are reduced. Additional articles may be contained in the secondary packaging that need not be readily viewed by consumers when the secondary packaging is on display for sale in a retail store. Opaque packaging material such as paperboard may be used to cover and / or to enclose such additional articles without affecting visibility of the article to be displayed by the secondary packaging. Also in the interest of increasing environmental sustainability of the secondary packaging usage of opaque packaging material is reduced as well. Finally the components of the secondary packaging facilitate formation of the overall secondary packaging in a desired non standard (e.g. not cuboid or parallelepiped) shape.

No. of Pages : 39 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6199/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDICAL DEVICE CONTAINING A CAKE COMPOSITION COMPRISING ARIPIPRAZOLE AS AN ACTIVE INGREDIENT AND A CAKE COMPOSITION COMPRISING ARIPIPRAZOLE AS AN ACTIVE INGREDIENT

(51) International classification	:A61K9/19,A61K31/496,A61M5/00
(31) Priority Document No	:2011011711
(32) Priority Date	:24/01/2011
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2012/051285
Filing Date	:17/01/2012
(87) International Publication No	:WO 2012/102216
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TANIGUCHI Kiyoshi

(57) Abstract :
The present invention provides a medical device containing a cake composition comprising aripiprazole as an active ingredient and capable of suppressing agglomeration of aripiprazole in a suspension obtained by resuspending a freeze dried substance; and a cake composition comprising aripiprazole as an active ingredient. The present invention relates to a medical device containing in a storage container whose inner wall is treated with silicone a freeze dried cake composition comprising separately prepared aripiprazole as an active ingredient wherein there is a space between the inner wall and the cake composition; and a cake composition comprising aripiprazole as an active ingredient and having a strength of 5 to 100 N.

No. of Pages : 56 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/11/2012

(21) Application No.3667/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR MOVING WIND TURBINE COMPONENTS AND A TRANSPORT SYSTEM FOR MOVING WIND TURBINE COMPONENTS

(51) International classification :B23C
(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)VESTAS WIND SYSTEMS A/S
Address of Applicant :HEDEAGER 44, 8200 AARHUS N. DENMARK
(72)**Name of Inventor :**
1)ARIGELA, SATISH RAJA
2)LARSEN, GERNER
3)ROSSEL, TOBIAS LIDEGAARD

(57) Abstract :
A method of removing a wind turbine component includes assembling a transport system having a track, one or more support frames, and a carriage movably coupled to the track, the transport system having a first end positioned inside the tower and a second end positioned outside ofthe tower such that the track extends through an opening in the tower; raising the wind turbine component off of a platform located within the tower and above the door; moving at least part of the platform to allow the component to pass; lowering the wind turbine component onto the carriage; moving the carriage along the track from inside the tower to outside the tower; and removing the wind turbine component from the carriage. A transport system having a track, one or more support frames, and a carriage is also disclosed.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6090/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INSERTING VIRTUAL CARRIER IN CONVENTIONAL OFDM HOST CARRIER IN COMMUNICATIONS SYSTEM

(51) International classification :H04L5/00
(31) Priority Document No :1101982.5
(32) Priority Date :04/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050213
Filing Date :01/02/2012
(87) International Publication No :WO 2012/104634
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MCNAMARA Darren
2)LILLIE Andrew
3)DARWOOD Peter
4)BEALE Martin

(57) Abstract :
A mobile communications system for communicating data to and/or from mobile communications devices. The mobile communications system comprises one or more base stations each of which includes a transmitter and a receiver operable to provide a wireless access interface for communicating data to and/or from the mobile communications devices the wireless access interface providing on a downlink a host carrier the host carrier providing a plurality of resource elements across a first frequency range for communicating data; and a first and second mobile communications devices. The first mobile communications device is operable to receive downlink communications via the host carrier. The wireless access interface provided by the one or more base stations is arranged to provide a virtual carrier the virtual carrier providing one or more resource elements within a second frequency range which is within and smaller than the first frequency range and the second mobile communications device is operable upon detection of the virtual carrier to receive downlink communications via the virtual carrier.

No. of Pages : 56 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6092/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INSERTING VIRTUAL CARRIER IN CONVENTIONAL OFDM HOST CARRIER IN COMMUNICATIONS SYSTEM

(51) International classification :H04L5/00
(31) Priority Document No :1101970.0
(32) Priority Date :04/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050209
Filing Date :01/02/2012
(87) International Publication No :WO 2012/104630
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LILLIE Andrew
3)DARWOOD Peter
4)BEALE Martin

(57) Abstract :
A base station for communicating data to and from a plurality of mobile terminals over a plurality of OFDM sub carriers within a coverage area provided by the base station. The base station arranged to allocate transmission resources provided by a first group of the plurality of OFDM sub carriers within a first frequency band to mobile terminals of a first type and to allocate transmission resources provided by a second group of the plurality of OFDM sub carriers within a second frequency band to terminals of a second type the second group being smaller than the first group and the second frequency band being selected from within the first frequency band. The base station is also arranged to transmit control information comprising resource allocation information for terminals of the first type over a first bandwidth corresponding to the combined first and second groups of OFDM sub carriers and to transmit control information comprising resource allocation information for terminals of the second type over a second bandwidth corresponding to the second group of OFDM sub carriers.

No. of Pages : 53 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6210/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLASTIC CONTAINER HAVING A POURING SPOUT

(51) International classification :B65D1/02,B65D47/06,B65D47/12
(31) Priority Document No :00264/2011
(32) Priority Date :15/02/2011
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2011/003288
Filing Date :02/07/2011
(87) International Publication No :WO 2012/110059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KRAMMER Christian

(57) Abstract :
A plastic container (1) is described having a pouring spout (10) which can be mounted onto a container neck (2) and has one or more closable pouring openings (11). An inner wall (4) of the container neck (2) has at least one pin (7) which projects beyond the inner wall (4) and is formed in a blow moulding process. The blow moulding process can be an extrusion blow moulding process or a stretch blow moulding process. The pouring spout (10) has a body (12) which can be connected to the container neck (2) and is formed so as to correspond to a circumferential contour of the container neck (2). A corresponding number of receptacles (15) for the pin/pins (7) are formed in an outer wall (14) of the body (12) which outer wall (14) faces the inner wall (4) which is provided with the at least one pin (7).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6105/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INSERTING VIRTUAL CARRIER IN CONVENTIONAL OFDM HOST CARRIER IN COMMUNICATIONS SYSTEM

(51) International classification :H04L5/00
(31) Priority Document No :1101980.9
(32) Priority Date :04/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050214
Filing Date :01/02/2012
(87) International Publication No :WO 2012/104635
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LILLIE Andrew
3)DARWOOD Peter
4)BEALE Martin

(57) Abstract :
A mobile telecommunications system comprising mobile terminals of a first type and mobile terminals of a second type. The mobile terminals are arranged to transmit uplink data to a network over a radio interface using a plurality of sub carriers and the mobile terminals of the first type being arranged to transmit uplink data on a first group of sub carriers of the plurality of sub carriers over a first bandwidth and the mobile terminals of the second type being arranged to transmit uplink data on a second group of sub carriers of the plurality of sub carriers within the first group of sub carriers over a second bandwidth. The second bandwidth is smaller than the first bandwidth. The mobile terminals of the first type are arranged to transmit random access request messages to a base station of the network requesting uplink radio resources on a first random access channel. The mobile terminals of the second type are arranged to transmit random access request messages to the base station of the network requesting uplink radio resources on a second random access channel. The random access request messages transmitted on the second random access channel are transmitted on sub carriers within the second group of sub carriers.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6106/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOGICALLY DISTINCT NETWORK WITHIN A LTE NETWORK FOR MACHINE TYPE COMMUNICATIONS (MTC) TERMINALS

(51) International classification	:H04W74/00,H04W16/14,H04L5/00
(31) Priority Document No	:1101981.7
(32) Priority Date	:04/02/2011
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2012/050208 :01/02/2012
(87) International Publication No	:WO 2012/104629
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)DARWOOD Peter
4)BEALE Martin

(57) Abstract :
According to a first aspect of the present invention there is provided a base station for receiving uplink data transmitted from mobile terminals of a first type and mobile terminals of a second type over a radio interface using a plurality of sub carriers. The mobile terminals of a first type is arranged to transmit uplink data on a first group of sub carriers of the plurality of sub carriers over a first bandwidth and the mobile terminals of the second type is arranged to transmit uplink data on a second group of sub carriers of the plurality of sub carriers within the first group of sub carriers over a second bandwidth the second bandwidth being smaller than the first bandwidth. The base station is arranged to grant uplink radio resources in response to random access request messages transmitted by mobile terminals of the first type transmitted on a first random access channel and to grant uplink radio resources in response to random access request messages transmitted by mobile terminals of the second type transmitted on a second random access channel. The random access request messages transmitted on the second random access channel are transmitted on sub carriers within the second group of sub carriers.

No. of Pages : 50 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6107/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR SUPPLYING A LUBRICANT

(51) International classification :F01M5/00
(31) Priority Document No :1150421
(32) Priority Date :19/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050057
Filing Date :10/01/2012
(87) International Publication No :WO 2012/098324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AUGROS Philippe Alain Fran§ois

(57) Abstract :
The invention relates to the field of feeding j 5 turbomachines with lubricant, and in particular to a j method and to a device (10) for feeding lubricant to a i j turbomachine (1), said turbomachine (1) having a first ! set of bearings (6L) and a second set of bearings (6H). i Both the first and the second sets of bearings are fed 10 with lubricant, and the second set of bearings (6H) operate at a temperature that is substantially higher than the first set. The second set of bearings (6H) is fed with lubricant at a temperature that is substantially higher than the first set.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6220/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR PREPARING CHIRAL AMINO ACIDS

(51) International classification :C07C269/06,C07C319/20,C07D209/20
(31) Priority Document No :10/61229
(32) Priority Date :23/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/053147
Filing Date :22/12/2011
(87) International Publication No :WO 2012/085474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEFEVRE Nicolas
3)FOLLEAS Benoit
4)BRAYER Jean Louis

(57) Abstract :
The present invention relates to a process for preparing chiral amino acids with excellent enantiomeric excesses.

No. of Pages : 114 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6214/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WHITE LIGHT LIGHT EMITTING DIODE LAMP WITH A REMOTE REFLECTIVE PHOTOLUMINESCENT CONVERTER

(51) International classification :H01L27/15,H01L33/50
(31) Priority Document No :2011100487
(32) Priority Date :13/01/2011
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2011/001006
Filing Date :20/12/2011
(87) International Publication No :WO 2013/039418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ULASYUK Vladimir Nikolaevich

(57) Abstract :
The invention relates to white light lamps based on semiconductor light emitting diodes with remote photoluminescent converters. The essence of the invention is that the lamp comprises a heat dissipating base with a radiation exit opening and light emitting diodes secured about the periphery of the opening with arranged in series at a distance from said light emitting diodes a radiation converter in the form of a concave layer of photoluminescent material and a light reflector with a concave light reflecting surface wherein the concavities of the radiation converter and the light reflector are oriented towards the light emitting diodes and the exit opening. When primary radiation from the light emitting diodes falls on the surface of the converter white light generated as a result of the mixing of the reflected primary radiation with secondary radiation from the photoluminescent material exits via the opening in the heat dissipating base. The surfaces of the converter and the reflector may be in the form of a truncated ellipsoid of revolution in particular a sphere or a paraboloid with a main axis perpendicular to the plane of the opening in the heat dissipating base or a cylinder which is truncated by the plane of the exit opening. In order to improve the dissipation of heat thermal contact is provided between the convex surface of the converter and the concave inside surface of the reflector the outside surface of which can be in the form of a ribbed heat radiator associated with the heat dissipating base.

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6215/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STEAM DELIVERY SYSTEM FOR BIOMASS PROCESSING

(51) International classification :C10J3/72,C10J3/20,C10J3/00
(31) Priority Document No :61/425251
(32) Priority Date :21/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/055852
Filing Date :21/12/2011
(87) International Publication No :WO 2012/085860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JˆRGENSEN Henrik Boye
2)ANDERSEN Henning

(57) Abstract :
The present invention relates to delivery of steam produced by an electrical power generation plant to a lignocellulosic biomass refinery.

No. of Pages : 8 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6216/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LASER LUMINAIRE

(51) International classification :F21V3/04,F21W121/00
(31) Priority Document No :20100100725
(32) Priority Date :16/12/2010
(33) Name of priority country :Greece
(86) International Application No :PCT/GR2011/000056
Filing Date :15/12/2011
(87) International Publication No :WO 2012/080759
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GAVRIIL Konstantinos

(57) Abstract :
The laser luminaire consisting of one or more laser light sources (2) and one or more light diffusion elements (5 8) and is characterized by the fact that the light output comes from the diffusion that happens on the light diffusion elements when illuminated by laser light from said laser light sources which diffuse laser light evenly from entire the surface and towards all directions. The light diffusion elements are distributed in space forming concrete or abstract shapes thus forming an aesthetic creation and they are made of transparent materials suitable painted or translucent material in any shape or size. The advantages of this invention is that the observer perceives that it is the aesthetic creation that produces the light and realizes that the light diffusion elements are self luminous bodies (where in reality they are not) and is impressed by the nature of the light which is coherent. Also the aesthetic creation is free from any unsightly electrical installation.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6218/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TEN BED PRESSURE SWING ADSORPTION PROCESS OPERATING IN NORMAL AND TURNDOWN MODES

(51) International classification :B01D53/04
(31) Priority Document No :13/004731
(32) Priority Date :11/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020197
Filing Date :04/01/2012
(87) International Publication No :WO 2012/096815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SIMO Marian

(57) Abstract :
The present invention relates to a ten bed pressure swing adsorption (PSA) system utilizing new and advanced cycles to obtain enhanced hydrogen recovery from a hydrogen containing feed gas (i.e. synthesis gas). More specifically through the newly developed process cycles the ten bed PSA system is capable of matching the hydrogen recovery of conventional twelve bed PSA systems designed to manufacture 100 million standard cubic feet per day of gas.

No. of Pages : 54 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6225/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR OPERATING A PARKING BRAKE IN A VEHICLE

(51) International classification :B60T13/74,B60T17/22
(31) Priority Document No :10 2011 004 763.8
(32) Priority Date :25/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/074246
Filing Date :29/12/2011
(87) International Publication No :WO 2012/113485
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)BIELTZ Karsten
2)HAUBER Simon

(57) Abstract :
The invention relates to a method for operating a parking brake with an electromechanical braking device that comprises an electric braking motor. In the event of a disruption in the release operation the electromotive braking device is re applied in order to re generate a clamping force.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6226/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DIAPHRAGM PUMP AND EXHAUST GAS AFTERTREATMENT SYSTEM HAVING A DIAPHRAGM PUMP

(51) International classification :F04B17/04,F04B43/04
(31) Priority Document No :10 2011 003 461.7
(32) Priority Date :01/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/074323
Filing Date :30/12/2011
(87) International Publication No :WO 2012/104001
(61) 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)HAEBERER Rainer

(57) Abstract :
Diaphragm pump for delivering a fluid in particular an exhaust gas aftertreatment medium such as an aqueous urea solution for example comprising a working chamber (1) which is delimited by a working diaphragm (2) and which can be connected via a first valve (3) to an inlet (4) and via a second valve (5) to an outlet (6) and an electromagnet (7) which comprises a coil assembly (8) and an armature (9) which interacts with the coil assembly (8) and is operatively connected to the working diaphragm (2). According to the invention the valves (3 5) are configured in a valve plate (10) which is arranged between the coil assembly (8) and the armature (9). Exhaust gas aftertreatment system having a diaphragm pump of this type.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6227/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIPER BLADE FOR CLEANING PANES IN PARTICULAR OF MOTOR VEHICLES

(51) International classification :B60S1/38
(31) Priority Document No :102011004632.1
(32) Priority Date :24/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052717
Filing Date :16/02/2012
(87) International Publication No :WO 2012/113715
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CRABBE Ruddy

(57) Abstract :
The invention relates to a method for production and to a wiper blade for wiping panes in particular motor vehicle panes comprising a support element (12) for receiving a wiper strip (14) to which support element a connecting device (20) is attached which has a wiper blade side part (15) having receptacles (34 36) surrounding the support element (12) at least in some regions. According to the invention the inner width (42) of the receptacles (34 36) essentially corresponds to or is slightly larger than the thickness of the support element (12).

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6228/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIPER BLADE FOR CLEANING PANES IN PARTICULAR OF MOTOR VEHICLES

(51) International classification :B60S1/38
(31) Priority Document No :10 2011 004 637.2
(32) Priority Date :24/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052700
Filing Date :16/02/2012
(87) International Publication No :WO 2012/113708
(61) 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
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(72)**Name of Inventor :**
1)VANDERHEYDEN Gert

(57) Abstract :
The invention relates to a production method and to a wiper blade for wiping panes in particular motor vehicle panes comprising a retaining element (12) for receiving a wiper strip (14) said retaining element having two spring rails (28 30) which are separated from each other by a gap (32) and to which a connecting device (20) is fixed. The connecting device has a wiper blade side part (15) with claw like receiving portions (34 36) that engage around the retaining element (12) at least in some regions. Each of the receiving portions (34 36) has an internal width (42) that expands in the direction of the gap (32).

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6229/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIPER BLADE AND METHOD FOR PRODUCING A WIPER BLADE

(51) International classification :B60S1/38
(31) Priority Document No :102011004646.1
(32) Priority Date :24/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052701
Filing Date :16/02/2012
(87) International Publication No :WO 2012/113709
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CRIEL Paul
2)BEELEN Hans
3)VANDERHEYDEN Gert

(57) Abstract :
The invention relates to a wiper blade and to a method for producing a wiper blade comprising a support element (12) for receiving a wiper strip (14) to which support element a connecting device (20) is attached which has a wiper blade side part (15) having claw like receptacles (32 34) surrounding the support element (12) at least in some regions. A gap (42) is provided between the support element (12) and at least one receptacle (32 34). After the support element (12) is positioned in the receptacles (32 34) of the connecting device (20) a compound (44) is introduced into the gap (42) said compound hardening in the gap (42).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6119/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR OBTAINING A SUBSTRATE PROVIDED WITH A COATING

(51) International classification :C03C17/00,B23K26/00,C23C14/58
(31) Priority Document No :1151897
(32) Priority Date :08/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050476
Filing Date :07/03/2012
(87) International Publication No :WO 2012/120238
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YEH Li Ya

(57) Abstract :
The invention relates to a method for obtaining a substrate (1) provided with a coating (2) on at least one of its faces said method comprising a step of depositing said coating (2) followed by a step of heat treating said coating by means of a main laser radiation (4). The method is characterised in that at least part (5 14) of the main laser radiation (4) transmitted through said substrate (1) and/or reflected by said coating (2) is redirected towards said substrate in order to form at least one secondary laser radiation (6 7 18).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6120/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OPHTHALMIC SOLUTION CONTAINING DIQUAFOSOL METHOD FOR PRODUCING SAME AND METHOD FOR PREVENTING FORMATION OF INSOLUBLE PRECIPITATE

(51) International classification	:A61K31/7084,A61K9/08,A61K47/02
(31) Priority Document No	:2010291463
(32) Priority Date	:28/12/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/080179 :27/12/2011
(87) International Publication No	:WO 2012/090994
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)IKEI Tatsuo
3)INAGAKI Koji
4)SONODA Masaki
5)FUKUI Yoko
6)KUWANO Mitsuaki

(57) Abstract :
An ophthalmic solution containing diquafosol to which a chelating agent is added wherein the formation of an insoluble precipitate during storage and a lowering in filtration performance in a production process (a filtration/sterilization process) said insoluble precipitate formation and said lowering in filtration performance being observed in conventional ophthalmic solutions containing diquafosol are inhibited. It is also confirmed that the ophthalmic solution containing diquafosol to which a chelating agent is added shows an improved ability to retain the effect during storage. Therefore the present invention provides an ophthalmic solution containing diquafosol said ophthalmic solution having stable physicochemical properties in the course of production distribution and storage by a patient in particular enabling efficient filtration/sterilization in the production process and moreover having an excellent ability to retain the effect during storage. Also the present invention provides a method for preventing the formation of an insoluble precipitate from an aqueous ophthalmic solution containing diquafosol or a salt thereof said method comprising adding a chelating agent to the aqueous ophthalmic solution.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6230/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM FOR EVENT NOTIFICATION AND INFORMATION POSTING

(51) International classification :G06Q10/00,G06F17/40
(31) Priority Document No :PI 2011000091
(32) Priority Date :07/01/2011
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2012/000002
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEOW Kevin Boon Keng
3)CHUNG Hon Siang

(57) Abstract :
A system for event notification and information posting (1) comprises a data processing means (2) for receiving the information of an event and merging the event information with a notification a transmitting means (3) for transmitting the notification to a receiver a feedback processing means (4) for receiving a feedback from the receiver and filtering the contents of the feedback a responding means (5) for responding to the feedback from the receiver an information posting means (6) for posting and displaying the event notification and the feedback from the receiver at a displaying means and a data storing means (7) for storing the event information the notification and the feedback. The system (1) further comprises a reminding means (8) for managing the dates and anniversaries of the event and for reminding the receiver the dates and anniversaries of the event.

No. of Pages : 43 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6231/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM METHOD AND DEVICE FOR AUTOMATIC AND AUTONOMOUS DETERMINATION OF HEMODYNAMIC AND CARDIAC PARAMETERS USING ULTRASOUND

(51) International classification :A61B8/14,A61B8/00
(31) Priority Document No :61/437318
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/000124
Filing Date :27/01/2012
(87) International Publication No :WO 2012/101511
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)VARON Nissim
3)ADIROVICH Lev
4)ROYTVARF Alex

(57) Abstract :
The present disclosure relates to an ultrasound device system and a method for determination of cardiac and/or hemodynamic parameters and in particular to such a system and method in which the cardiac and/or hemodynamic parameters are determined in a non invasive manner that is both automatic and autonomous and therefore does not depend on ultrasound imagery and/or a skilled caregiver analysis thereof.

No. of Pages : 63 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6236/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTOINJECTORS

(51) International classification :A61M5/28,A61M5/20
(31) Priority Document No :1021764.4
(32) Priority Date :22/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/052562
Filing Date :22/12/2011
(87) International Publication No :WO 2012/085585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)WOZENCROFT Robert

(57) Abstract :
An autoinjector includes a body (10 12) a syringe carrier (34) supporting a syringe (13) or cartridge with a needle at its forward end for movement from a rearward position to a forward position to extend a needle the syringe or cartridge having a barrel of generally cylindrical form having at a forward region thereof a forward facing abutment surface wherein the syringe carrier is provided with a retention surface arranged to cooperate with said forward facing abutment surface on the syringe to prevent or limit forward movement of the syringe relative to the syringe carrier the autoinjector further including a removable needle shield (15) releasably attached to said syringe or cartridge and shrouding the needle a cap (14) attached to the forward end of said body and forwardly removable said cap having a removal surface (120) for engaging said needle shield whereby removal of said cap removes said needle shield.

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6237/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHOTOVOLTAIC POWER GENERATION SYSTEM AND POWER FEEDING SYSTEM

(51) International classification :H02J3/38,G05F1/67
(31) Priority Document No :2011009857
(32) Priority Date :20/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/077573
Filing Date :29/11/2011
(87) International Publication No :WO 2012/098769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HAYASHI Hideki
4)OMATA Kazuya
5)ASANO Toshiaki
6)EBATA Yoshio
7)OTSUKI Midori

(57) Abstract :
Provided are a photovoltaic power generation system and a power feeding system that are equipped with: means (6 7) for detecting a connection point voltage (Va) at the connection point of a power grid (5) and a power conversion apparatus (3) and the output current (Ia) of the power conversion apparatus (3); an active power detection unit (8) which obtains active power from the connection point voltage (Va) and the output current (Ia); a grid state detection unit (10) which detects the power supplying state or facility operating state within the power grid (5) and outputs a level detection signal; an active power setting unit (11) which switches between preset first and second values on the basis of the level detection signal and outputs the value as an active power setting value (Pref); a mass system calculation unit (12) which calculates the angular frequency () of the output voltage of the power conversion apparatus (3) on the basis of the output of the active power detection unit (8) the output of the active power setting unit (11) and the output of the grid state detection unit (10); and an electric characteristics calculation unit (15) which calculates an output voltage target value (Ec) for the power conversion apparatus (3) on the basis of the angular frequency () the current value (Ia) and a setting voltage value (Vref).

No. of Pages : 69 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6238/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE AND SYSTEM FOR PRODUCING AND COOLING A FILM

(51) International classification :B29C47/88,B29C47/92
(31) Priority Document No :10 2010 063 010.1
(32) Priority Date :14/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/072648
Filing Date :13/12/2011
(87) International Publication No :WO 2012/080276
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RBBELKE Ingo

(57) Abstract :
The invention relates to a device for cooling a film (20) in particular a film tube (20) wherein the film (20) can be generated by a blowing head (4) of a film extrusion system (50) in particular a blown film extrusion system (51) comprising a cooling unit (5) from which a cooling gas volume flow (12) having a cooling temperature can flow such that the cooling gas volume flow (12) can flow against the film (20). According to the invention means are provided such that the cooling gas volume flow (12) and the cooling gas temperature can be set at the same time.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6239/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AZEOTROPIC AND AZEOTROPE LIKE COMPOSITIONS INVOLVING CERTAIN HALOOLEFINS AND USES THEREOF

(51) International classification :C09K3/30,C09K5/04,C08J9/00
(31) Priority Document No :61/439389
(32) Priority Date :04/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023704
Filing Date :03/02/2012
(87) International Publication No :WO 2012/106565
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Azeotropic or azeotrope like compositions are disclosed. The azeotropic or azeotrope like compositions are mixtures of (A) a compound of the formula CFCX=CHR where X is H or F and R is CFCF CF or CI provided that (i) when X is F R is CI (ii) when R is CFCF or CI the compound of formula CFCX=CHR is the E configurational isomer and (iii) when R is CF the compound of formula CFCX=CHRis the Z configurational isomer; and (B) a compound of the formula CFR where R is CH FCHF or CH=CHCF provided that when R is CH=CHCF X is F and the compound of formula CFR is the Z configurational isomer. Also disclosed are processes for using such azeotropic or azeotrope like compositions for preparing a thermoplastic or thermoset foam for producing refrigeration for producing an aerosol product and for extinguishing and suppressing a fire; and as blowing agents solvents heat transfer media and dielectrics.

No. of Pages : 43 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2013

(21) Application No.1400/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLACENTAL LIKE ALKALINE PHOSPHATASE (PLAP) PROMOTER MEDIATED CELL TARGETING

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

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(72)**Name of Inventor :**
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2)KHAN, IMRAN
3)ZAKARIA, MOHAMMAD KHALID
4)CHOSDOL, KUNZANG
5)CHATTOPADHYAY, PARTHAPRASAD

(57) Abstract :
The present invention relates to cell specific therapeutic modality by using a region of the PLAP Promoter. The invention further relates to specific expression of therapeutically PLAP useful sequences for specific transcriptional activation of this gene. The invention also relates to the PLAP region which may be used alone or in combination with other regions like enhancer sequences that augment cell or tumour specific gene expression.

No. of Pages : 77 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6128/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STITCH LOCK FOR ATTACHING TWO OR MORE STRUCTURES

(51) International classification :A61B17/06,A61B17/04
(31) Priority Document No :61/432755
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/058071
Filing Date :27/10/2011
(87) International Publication No :WO 2012/096707
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MILLER William
4)VENNARD Daniel

(57) Abstract :
An anchor assembly can include at least one anchor member such as a pair of anchor members that are configured to be implanted in a target anatomical location in a first configuration and can subsequently be actuated to an expanded configuration that secures the anchor members in the target anatomy. The anchor assembly can further include a connector member configured as a stitch lock that attaches the pair of anchor members together across a gap so as to approximate the anatomical defect.

No. of Pages : 120 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6129/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR STARTING A TURBOMACHINE

(51) International classification :F02C7/262
(31) Priority Document No :1150206
(32) Priority Date :11/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050005
Filing Date :03/01/2012
(87) International Publication No :WO 2012/095590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ETCHEPARE Philippe
3)GIRALT Pierre
4)REBERGA Luc

(57) Abstract :
The invention relates to a method of starting a turbine engine. The invention is characterized by the fact that it further comprises a re-try step that is performed if the main injector has not ignited when the shaft has reached a first predetermined speed value, said re-try step comprising: a stop step (S210) during which the starter and the ignitor device are stopped; a second ignition step (S230) during which fuel is injected into the combustion chamber, the ignitor device being actuated, said second ignition step being performed when the speed of rotation of the shaft reaches a second predetermined speed value; and a second starting step (S250) during which the starter is actuated once more in order to drive the shaft in rotation.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6130/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EXHAUST GAS RECOVERY DEVICE FOR CONVERTER FURNACE AND METHOD FOR RECOVERING EXHAUST GAS FOR CONVERTER FURNACE

(51) International classification :C21C5/38,C21C5/40,G01N21/39
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/064006
Filing Date :30/05/2012
(87) International Publication No :WO 2013/179432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FURUKAWA Naoki
2)KOHTAKI Haruo

(57) Abstract :
A converter exhaust gas recovery apparatus includes a furnace top oxygen analyzer that analyzes an oxygen concentration in exhaust gas on an exhaust gas path and on an upstream side of a dust collection position where dust collection is performed and a furnace top CO analyzer that analyzes a CO concentration in the exhaust gas; and a furnace bottom oxygen analyzer that irradiates the exhaust gas that flows on a downstream side of the dust collection position with a laser light and analyzes the oxygen concentration based on quantity-of-light changes caused by a light absorption of the laser light.

No. of Pages : 32 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6240/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR MEASURING OXIDATION REDUCTION POTENTIAL

(51) International classification :G01N27/30,G01N27/416
(31) Priority Document No :61/447568
(32) Priority Date :28/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026884
Filing Date :28/02/2012
(87) International Publication No :WO 2012/118784
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BAR OR David
3)RAEL Leonard T.

(57) Abstract :
Methods and systems for measuring the oxidation reduction potential of a fluid sample are provided. The system includes a test strip with a sample chamber adapted to receive a fluid sample. The sample chamber can be associated with a filter membrane. The test strip also includes a reference cell. The oxidation reduction potential of a fluid sample placed in the sample chamber can be read by a readout device interconnected to a test lead that is in electrical contact with the sample chamber and a reference lead that is in electrical contact with the reference cell. Electrical contact between a fluid sample placed in the sample chamber and the reference cell can be established by a bridge. The bridge may comprise filter element such as a piece of filter paper that is wetted for example by the fluid sample or an electrolytic gel. The oxidation reduction potential may be read as an electrical potential between the test lead and the reference lead of the test strip.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6135/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AIRFRAME FOR A HIGHLY MANEUVRABLE MULTI MODE AIRCRAFT

(51) International classification :B64C3/18,B64C1/06,B64D27/20
(31) Priority Document No :2010150282
(32) Priority Date :09/12/2010
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2011/000964
Filing Date :07/12/2011
(87) International Publication No :WO 2012/102640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)KOGAN Yuriy Aronovich
4)LAPSHIN Mihail Evgenyevich
5)RUNISHEV Vladimir Aleksandrovich
6)STRELETS Mihail Yurievich

(57) Abstract :
The invention relates to heavier than air aircraft and is intended for use primarily in highly maneuverable multi mode aircraft operating at both subsonic and supersonic speeds. The aim of the invention is to provide the necessary durability and rigidity of the frame of the airframe with only a negligible increase in the mass thereof and the inclusion of large cutouts in the lower part of the fuselage for cargo compartments. At the same time the technical result of redistributing the stresses in the load bearing members of the aircraft airframe which are caused by external loads is achieved as a result of the judicious arrangement of the load bearing members of the frame of the airframe. The structural layout of the fuselage includes transverse and longitudinal load bearing members in the form of fuselage bulkheads (17 25) and longitudinal walls (26 29) respectively. A set of longitudinal walls (26 29) passes through the entire middle part (3) and rear part (5) of the fuselage. The centre section (12) is arranged in the plane of the maximum structural heights of the wing (section D D) and is formed by the bulkheads (17 25). Large longitudinal cutouts are provided in the lower part of the fuselage for the cargo compartments (10 14). The structural layout of the cutouts includes the longitudinal walls (26) connected to the bulkheads of the centre section (12).

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6247/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FRAMELESS ACTUATOR APPARATUS SYSTEM AND METHOD

(51) International classification :G06F3/01
(31) Priority Document No :61/433640
(32) Priority Date :18/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021511
Filing Date :17/01/2012
(87) International Publication No :WO 2012/099854
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)QUAN Xina
4)OBISPO Anthony
5)MEI Junfeng

(57) Abstract :
A film actuator is disclosed. The actuator includes a frameless actuator film. The frameless actuator film includes at least one eiastomeric dielectric film disposed between first and second electrodes at least one adhesive applied on one side of the frameless actuator film. It can also include a second adhesive applied on an opposite side of the frameless actuator film. A method of making the actuator is disclosed. A configurable actuator element also is disclosed.

No. of Pages : 58 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6248/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PREPARING ANODE ACTIVE MATERIAL

(51) International classification :H01M4/04,H01M4/583,H01M4/1393
(31) Priority Document No :1020110013071
(32) Priority Date :15/02/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/000406
Filing Date :18/01/2012
(87) International Publication No :WO 2012/111919
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHANG WonSeok
3)HAN JungMin

(57) Abstract :
The present invention provides a method for manufacturing an anode active material and comprises the steps of: (a) preparing a coating mixture from one or more raw materials selected from the group consisting of low crystallinity carbon and amorphous carbon and then mixing with an ion absorption precursor and a releasable metal and / or base metal followed by purification; (b) preparing a precursor coating for a core shell by combining the coating mixture with a crystalline carbon material for coating a core; and (c) carbonizing the one or more raw materials selected from the group consisting of low crystallinity carbon and amorphous carbon then calcining into spheres the one or more raw materials selected from the group consisting of low crystallinity carbon and amorphous carbon.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6249/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SIMULATOR FOR TRAINING A TEAM IN PARTICULAR FOR TRAINING A HELICOPTER CREW

(51) International classification :G09B9/00,G09B9/30
(31) Priority Document No :10 2011 012 018.1
(32) Priority Date :22/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052551
Filing Date :15/02/2012
(87) International Publication No :WO 2012/113686
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GROTELSCHEN Volker

(57) Abstract :
The invention relates to a simulator (10) for training at least one person comprising a training room (20) the inner delimiting surface of which is provided with a color suitable for a color based picture knock out wherein the simulator (10) comprises at least one semi transparent head mounted display (21; 21) which is provided with two video cameras for stereoscopic images and a head tracker which allows the line of sight of the respective wearer to be ascertained. The simulator (10) further comprises a simulation processor (22) having two picture generators for a stereoscopic representation of virtual pictures on the at least one head mounted display (21; 21) and the virtual pictures to be represented can be generated by a video mixer which comprises means for isochronously mixing the images of the video cameras of the at least one head mounted display (21 21) with computed virtual pictures in the respective line of sight.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6034/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NEAR FIELD NOISE SUPPRESSING SHEET

(51) International classification :H05K9/00,H01F1/00,H01Q17/00
(31) Priority Document No :2011040977
(32) Priority Date :25/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076196
Filing Date :14/11/2011
(87) International Publication No :WO 2012/114587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A near-field noise suppression sheet comprising a pair of plastic films each having a thin metal film on one surface, the plastic films being adhered by a conductive adhesive with the thin metal films inside, each thin metal film 5 being made of a magnetic metal, and having a controlled thickness such that a pair of the adhered thin metal films have surface resistance of 20-150 Q/square.

No. of Pages : 55 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6035/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHOSPHOROUS DERIVATIVES AS CHEMOKINE RECEPTOR MODULATORS

(51) International classification :C07F9/32,A61K31/662,C07F9/36
(31) Priority Document No :61/423940
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064242
Filing Date :09/12/2011
(87) International Publication No :WO 2012/082568
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to novel phosphorous derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of chemokine receptors.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6036/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL 1 2 BIS SULFONAMIDE DERIVATIVES AS CHEMOKINE RECEPTOR MODULATORS

(51) International classification	:C07D231/18,C07D307/82,C07D333/34
(31) Priority Document No	:61/423941
(32) Priority Date	:16/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/064441 :12/12/2011
(87) International Publication No	:WO 2012/082633
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)LIU Xiaoxia
4)DONELLO John E.
5)VISWANATH Veena
6)GARST Michael E.

(57) Abstract :
The present invention relates to novel bis sulfonamide derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of chemokine receptors.

No. of Pages : 291 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6148/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GEL ENCAPSULATED MICROCOLONY SCREENING

(51) International classification :C12Q1/02,G01N33/50,C12P5/00
(31) Priority Document No :61/437214
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023024
Filing Date :27/01/2012
(87) International Publication No :WO 2012/103516
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided herein are methods and compositions useful for detecting the production of industrially useful compounds (e.g. isoprenoids polyketides and fatty acids) in a cell for example a microbial cell genetically modified to produce one or more such compounds. In some embodiments the methods comprise encapsulating the cell in a hydrogel particle and detecting the compound within the hydrogel particle.

No. of Pages : 106 No. of Claims : 117

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6149/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR POSITIONING A WIRELESS DEVICE

(51) International classification :G01S5/06,G01S5/10,H04L5/00
(31) Priority Document No :61/444235
(32) Priority Date :18/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2012/050158
Filing Date :15/02/2012
(87) International Publication No :WO 2012/112113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WIGREN Torbjrn
2)SIOMINA Iana

(57) Abstract :
The present invention relates to a method in a network node 40 and a network node 40 with positioning functionality in a wireless communications network in a multi carrier system. The network node 40 enables UTDOA Uplink Time Difference of Arrival positioning measurements for a wireless device in the multi carrier system. The network node (40) being configured to receive interference or load related information for carriers available for UTDOA positioning measurements and to select at least one carrier for UTDOA positioning measurements based on the interference or load related information.

No. of Pages : 39 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6261/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTROMAGNETIC ACTUATOR WITH UNDER VOLTAGE RELEASE

(51) International classification :H01F7/123,H01H71/26,H01H83/12
(31) Priority Document No :10195260.4
(32) Priority Date :15/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/072898
Filing Date :15/12/2011
(87) International Publication No :WO 2012/080393
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An electromagnetic actuator has a yoke (9) for guiding a magnetic flux and a holding plate (6) attached to an actuating member (1) the holding plate (6) and yoke (9) forming a first magnetic circuit. Furthermore a magnetic flux generation device is provided for generating a magnetic flux in the first magnetic circuit. The magnetic flux generation device comprises an under voltage release coil (5) electrically connected to an auxiliary voltage source representing the value of a voltage to be monitored.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6262/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NEW PARTICLE STABILIZED EMULSIONS AND FOAMS

(51) International classification :A23L1/035,A23D7/00,A61K8/06
(31) Priority Document No :10513281
(32) Priority Date :15/12/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/051522
Filing Date :15/12/2011
(87) International Publication No :WO 2012/082065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DEJMEK Petr
2)TIMGREN Anna
3)SJ— Malin
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(57) Abstract :
The present invention relates to a particle stabilized emulsion or foam comprising at least two phases and solid particles wherein said solid particles are starch granules and said starch granules or a portion thereof are situated at the interface between the two phases providing the particle stabilized emulsion or foam. The invention further relates to the use of said particle stabilized emulsion or foam for encapsulation of substances chosen from biopharmaceuticals proteins probiotics living cells enzymes and antibodies sensitive food ingredients vitamins and lipids in food products cosmetic products skin creams and pharmaceutical formulations.

No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6153/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLUSHABLE ARTICLE INCLUDING POLYURETHANE BINDER AND METHOD OF USING THE SAME

(51) International classification :A61F13/15,A61F13/84,A61K8/02
(31) Priority Document No :61/421895
(32) Priority Date :10/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064183
Filing Date :09/12/2011
(87) International Publication No :WO 2012/078995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MUVUNDAMINA Mutombo J.
2)CARLSON Brian W.

(57) Abstract :
A flushable article such as a wipe that includes a substrate that includes fibers and a dried binder composition in contact with the fibers the article (e.g. wipe) being insoluble in water having a pH of no greater than 6 and disintegrating in water having a pH of at least 6.5.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6155/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TOWER DISTRIBUTOR IN A COAL BURNING POWER PLANT

(51) International classification :F23K3/02
(31) Priority Document No :61/432338
(32) Priority Date :13/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064353
Filing Date :12/12/2011
(87) International Publication No :WO 2012/096742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WHITE David C.
2)KAUSHANSKY Sergey
3)SHAN Jiefeng
4)KAZALSKI Paul D.

(57) Abstract :
A tower distributor receives a stream of working media including pulverized coal and a carrier gas in a coal burning power plant. The tower distributor includes a wall structure and one or more flow directing members including diverters vane members and/or protuberances. The wall structure defines a flow passageway for the stream of working media and includes an inlet and an outlet spaced from the inlet in an axial direction. Each flow directing member is provided to alter the flow of the working media through the tower distributor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6157/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MATERIAL FEEDING SYSTEM

(51) International classification :C21C7/10,C21C5/46
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/057312
Filing Date :22/03/2012
(87) International Publication No :WO 2013/140566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HIGASHI Toyoichiro
3)KINOSHITA Junichi
4)OKA Yosuke
5)IMAI Shuntaro
6)TAMURA Kosaku

(57) Abstract :
A material feeding apparatus, which feeds a plurality of materials to a plurality of treatment apparatuses, includes a plurality of storage-and-discharge units that store 5 and discharge the materials; a track that is constructed below these storage-and-discharge units; a weighing unit that receives and weighs the materials discharged from the storage-and-discharge units; a conveyer on which the weighing unit is mounted and which travels the track; and a plurality of material charging units that are disposed below the track, receive the materials charged from the weighing unit, and charge the materials 10 into the treatment apparatuses. The track extends so as to pass through discharge stop positions, which are positions where the materials are discharged by the storage-and-discharge units, and charging stop positions, which are positions where the materials are received by the material charging units, in plan view.

No. of Pages : 47 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6158/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ALLOYING ELEMENT SAVING HOT ROLLED DUPLEX STAINLESS STEEL MATERIAL CLAD STEEL SHEET HAVING DUPLEX STAINLESS STEEL AS MATING MATERIAL THEREFOR AND PRODUCTION METHOD FOR SAME

(51) International classification :C22C38/00,B21B1/38,B21B3/02
(31) Priority Document No :2011015091
(32) Priority Date :27/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051637
Filing Date :26/01/2012
(87) International Publication No :WO 2012/102330
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)OIKAWA Yuusuke
3)YAMAMOTO Yoichi
4)KAJIMURA Haruhiko
5)ISHIDA Kazuhiko

(57) Abstract :
This alloying element-saving hot rolled duplex stainless steel material contains, by mass%, C: 0.03% or less, Si: 0.05% to 1.0%, Mn: 0.5% to 7.0%, P: 0.05% or less, S: 0.010% or less, Ni: 0.1% to 5.0%, Cr: 18.0% to 25.0%, N: 0.05% to 0.30% and Al: 0.001% to 0.05%, with a remainder being Fe and inevitable impurities, wherein the alloying element-saving hot rolled duplex stainless steel material is produced by hot rolling, a chromium nitride precipitation temperature TN is in a range of 960°C or lower, a yield strength is 50 MPa or more higher than that of a hot rolled steel material which is subjected to a solution heat treatment, and the alloying element-saving hot rolled duplex stainless steel material is as hot rolled state, and is not subjected to a solution heat treatment. This clad steel plate includes a duplex stainless steel as a cladding material, the duplex stainless steel has the above composition, and the chromium nitride precipitation temperature TN is in a range of 800°C to 970°C.

No. of Pages : 78 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6272/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITIONS CONTAINING GLYCOSYLATED ANTIBODIES AND USES THEREOF

(51) International classification :C12P21/08
(31) Priority Document No :61/437107
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022742
Filing Date :26/01/2012
(87) International Publication No :WO 2012/103345
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CORREIA Ivan R.S.
2)FUJIMORI Taro
3)HRUSKA Matthew W.
4)PAULSON Susan Kaye

(57) Abstract :
The present invention provides compositions of antibodies . human antibodies of varying glycosylation structures that serve to achieve desired rates of serum clearance. The invention also provides methods for modulating the pharmacokinetics of antibodies . human antibodies and therapeutic compositions containing such antibodies. These methods rely on varying the glycosylation structures of the antibodies . human antibodies to achieve desired rates of serum clearance.

No. of Pages : 154 No. of Claims : 86

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2013

(21) Application No.6140/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL BIOMARKER AND USES THEREOF IN DIAGNOSIS TREATMENT OF AUTISM

(51) International classification :C07K14/47,A61K38/04
(31) Priority Document No :10513307
(32) Priority Date :16/12/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/051504
Filing Date :13/12/2011
(87) International Publication No :WO 2012/082056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MOMENI Naghi
2)PERSSON Bengt L.

(57) Abstract :
A new biomarker a peptide having sequence SSKITHRIHWESASLLR wherein the side chain of the C terminal arginine denoted with the asterisk is lacking the NH2 C=NH moiety normally present in the side chain. Usefulness of the biomarker in the diagnosis of neurological and/or neuropsychiatric disorders (in particular autism) is disclosed as well as are methods for determining the concentration of the new biomarker and antibodies directed to the new biomarker. Treatment of autism comprising administering a complement factor I inhibitor to the subject.

No. of Pages : 50 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6256/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL COMPOUNDS AND THEIR EFFECTS ON FEEDING BEHAVIOUR

(51) International classification :C07K14/575
(31) Priority Document No :1101459.4
(32) Priority Date :27/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/000086
Filing Date :27/01/2012
(87) International Publication No :WO 2012/101413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IMPERIAL INNOVATIONS LIMITED
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(72)**Name of Inventor :**
1)BLOOM Stephen Robert

(57) Abstract :
Peptide analogues of PYY compositions comprising said analogues and methods of using said analogues for the treatment and prevention of metabolic disorders for example disorders of energy metabolism such as diabetes and obesity and for reduction in appetite reduction in food intake or reduction of calorie intake in a subject are provided herein.

No. of Pages : 84 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6257/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BURNING APPARATUS PROCESS FOR PRODUCING OXIDE CATALYST AND PROCESS FOR PRODUCING UNSATURATED ACID OR UNSATURATED NITRILE

(51) International classification :F27B7/24,B01J6/00,B01J23/28
(31) Priority Document No :2011033777
(32) Priority Date :18/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053157
Filing Date :10/02/2012
(87) International Publication No :WO 2012/111566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)TATENO Eri
2)KANETA Masatoshi
3)FUKUZONO Toshihiko
4)WATANABE Haruhiko

(57) Abstract :
A burning apparatus comprising a burning tube which has openings at both ends a pair of hoods which respectively cover the openings in the burning tube and a pair of rings each of which closes a gap between the burning tube and each of the hoods wherein each of the rings is fixed to the outer surface of the burning tube directly or indirectly a groove is formed on the hood contacting surface side of each of the rings along a circumferential direction of each of the rings a seal chamber surrounded by each of the hoods and the groove is formed and the burning tube and the rings are so adapted as to rotate together in a circumferential direction of the burning tube while bringing the both sides of the groove into contact with each of the hoods.

No. of Pages : 109 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6258/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUGAR CHAIN FLUORESCENT LABELING METHOD

(51) International classification :G01N33/66,C09K11/06,G01N30/06
(31) Priority Document No :2011053897
(32) Priority Date :11/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056011
Filing Date :08/03/2012
(87) International Publication No :WO 2012/124609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHIMAOKA Hideyuki

(57) Abstract :
The purpose of the present invention is to provide a method for simple fluorescent labeling of sugar chains and a sugar chain trapping carrier using the same. By means of the present invention a sugar chain fluorescent labeling method is provided in which in carriers having a primary amino group for trapping sugar chains sugar chains are captured recovered and purified by the primary amino groups and the sugar chains trapped from the carriers are isolated and are labeled with a fluorescent substance configured from 0.5 mmol/L or more aromatic amines.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6259/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOCKABLE MANUALLY OPERATED ROTARY DRIVE FOR ELECTRICAL SWITCHGEAR

(51) International classification :H01H9/28
(31) Priority Document No :10194707.5
(32) Priority Date :13/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/072623
Filing Date :13/12/2011
(87) International Publication No :WO 2012/080259
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LINDEN Ralph

(57) Abstract :
The invention relates to a lockable manually operated rotary drive for electrical switchgear. The addressed problem is that of using simple means to protect the rotary drive largely from the locked position being forcibly overcome. To this end a protective cap (13) which supplements the rotary drive (1) and can be placed largely over the rotary grip (5) is matched to the shape of the rotary grip (5) and only allows access to the locking openings (7) in order to allow a U lock to be fitted in order to lock the rotary drive (1) in the locked position. The protective cap (13) which has been placed over the rotary grip is fixed to the housing (3) by means of interlocking connections (19 21).

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6263/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POWDER METERING APPARATUS AND POWDER METERING METHOD

(51) International classification :G01F11/28,B65B1/38
(31) Priority Document No :10 2010 054 649.6
(32) Priority Date :15/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/068262
Filing Date :19/10/2011
(87) International Publication No :WO 2012/079809
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DIETRICH Frdric Jun.

(57) Abstract :
The invention relates to a powder metering apparatus (1) comprising a metering chamber (2) which defines a powder metering volume (3) and can be emptied through an outlet opening (11) wherein in order to draw in powder (9) from a powder supply line (10) through a diaphragm (5) which bounds the metering chamber (2) a negative pressure (8) can be applied to the metering chamber (2). The invention provides for the diaphragm (5) to be arranged such that the latter can be adjusted relative to the outlet opening (11) in order to set the powder metering volume (3) and/or to empty the metering chamber (2).

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6264/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SURFING DEVICE AND METHOD

(51) International classification :A63B69/00,B60L13/04,B63B35/79
(31) Priority Document No :2010905568
(32) Priority Date :21/12/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/001665
Filing Date :21/12/2011
(87) International Publication No :WO 2012/083373
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KRITICOS Stephen Con

(57) Abstract :
The present Invention provides a surfing device comprising at least one energy projecting means and at least one energy projecting structure for supporting and positioning the energy projecting means. The energy projecting structure positions the energy projecting means at one or more energy projecting positions. Energy is projected from the energy projecting means from positions to enable a person to surf at least partially solely via the projected energy. The present invention also provides a surface for a surfing device either the device of the present Invention or another surfing device. The surface is designed for a person to surf on either via the projected energy of the surfing device of the present Invention or by at least partially direct contact with the surface via fluid projected out of over or upon it. The surface has an Impact absorption material. The material Is at (east partially porous and at least partially deformable and also designed to at least partially deform upon impact to at least partially absorb or diffuse the impact.

No. of Pages : 75 No. of Claims : 330

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6265/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MECHANICAL COUPLING ARRANGEMENT FOR A LATTICE SUPPORT BEAM

(51) International classification :E04B1/24,E04C3/08
(31) Priority Document No :11500873
(32) Priority Date :07/02/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050106
Filing Date :06/02/2012
(87) International Publication No :WO 2012/108821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WALLTHER Harry

(57) Abstract :
The object of the present invention is to provide an inventive mechanical coupling arrangement (1) for a lattice support beam (2)having a longitudinal direction (X) and a transverse direction (Y) said mechanical coupling arrangement(1)comprising at least a first chord member (5) a first diagonal member (6) and a connector element (7) for joining said first chord member (5) with said first diagonal member(6) wherein each of said first chord member (5) said first diagonal member (6) and said connector element(7) is made of extruded aluminium profile said connector element (7) comprising at least a first attachment portion (8) having a first contact surface (9) in contact with said first chord member (5) and a second attachment portion (10) having a second contact surface (11) in contact with an abutment surface (12) of said first diagonal member (6) said first contact surface (9) comprising at least one rib shaped projection (13) extending in said transverse direction (Y) and engaged in at least one corresponding groove shaped recess (14) arranged in said first chord member (5) and said second contact surface (11) is pressed against said abutment surface (12) of said first diagonal member (6) by means of at least one fastener (15) whose longitudinal direction is arranged substantially parallel with a longitudinal direction (16) of said first diagonal member (6).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6266/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR MONITORING A DRIVE OF A DRIVE SYSTEM OF A VEHICLE

(51) International classification :F02D41/12,F02D41/14,F02D41/22
(31) Priority Document No :10 2011 004 773.5
(32) Priority Date :25/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051687
Filing Date :01/02/2012
(87) International Publication No :WO 2012/113626
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RICHTER Johannes
3)RINKER Uwe

(57) Abstract :
The invention relates to a method for monitoring a drive system of a vehicle (1) for faults wherein the drive system has a drive motor (4) which makes available a torque as a function of an injected quantity of fuel having the following steps: a threshold value comparison of a variable determined from a data item (KM) relating to an injected quantity of fuel and a threshold value (S) determined from a rotational speed data item (DZ) relating to the rotational speed of the drive motor (4) is carried out; a fault information item (F) which indicates a fault in the drive system is determined as a function of the result of the threshold value comparison.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6250/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHODS FOR PATELLAR ADVANCEMENT IN QUADRUPEDS

(51) International classification :A61B17/68
(31) Priority Document No :61/437980
(32) Priority Date :31/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023300
Filing Date :31/01/2012
(87) International Publication No :WO 2012/106323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SYNTHES GMBH
(72)**Name of Inventor :**
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2)BUCK Ryan
3)BORDEAUX Jean Noel

(57) Abstract :
Various methods and apparatus for cranially advancing the tuberosity (30) and patellar tendon (32) of a quadruped are disclosed. The patellar tendon can be advanced directly or indirectly by performing an osteotomy on the tuberosity and subsequently advancing the tuberosity cranially to an advanced position. Implants (50) are further disclosed for maintaining the patellar tendon and in some embodiments also the tuberosity in the advanced position.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6251/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LASER THERAPY APPARATUS LASER THERAPY SYSTEM AND ASSESSMENT METHOD

(51) International classification :A61N5/06,A61B18/20,A61M25/01
(31) Priority Document No :2011008733
(32) Priority Date :19/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/007230
Filing Date :22/12/2011
(87) International Publication No :WO 2012/098623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ARAI Tsunenori
3)ITO Arisa
4)TAKAHASHI Mei

(57) Abstract :
To provide a laser therapy apparatus a laser therapy system and an assessment method capable of assessing the state of laser catheter contact including how far the tip is embedded in the tissue. [Solution] The invention has: a connecting part (210) to which the second end of a laser catheter (300) connects the laser catheter having a first end and a second end emitting and admitting laser light from the apical surface of the first end and having electrodes that are provided along the axial direction of the first end on the outer circumference of the first end; an emission unit (110) that emits laser light to the second end that is connected to the connecting part; an optical state detecting unit (130) that admits returning light from the second end that is connected to the connecting part and detects the optical state of the admitted returning light; an electrical state detecting unit (135) that detects the electrical state of the electrodes via the second end that is connected to the connecting part; and an assessing unit (150) that assesses on the basis of the detected optical state and electrical state the state of contact with the tissue to be treated using the first end and the laser catheter.

No. of Pages : 46 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6253/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HYDROGEN ABSORBING ALLOY POWDER NEGATIVE ELECTRODE AND NICKEL HYDROGEN SECONDARY BATTERY

(51) International classification :C22C19/00,C22F1/10,H01M4/38
(31) Priority Document No :2010294761
(32) Priority Date :17/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079385
Filing Date :19/12/2011
(87) International Publication No :WO 2012/081724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OTSUKI Takayuki
2)OTA Akiyasu
3)IRIE Toshio
4)YANAGI Yasunori

(57) Abstract :
Provided are: a hydrogen absorbing alloy powder whereby it becomes possible to achieve all of excellent initial activity excellent discharge capacity and excellent cycle properties which have a trade off relationship with one another in a nickel hydrogen secondary battery; a negative electrode for nickel hydrogen secondary batteries which is produced using the hydrogen absorbing alloy powder; and a nickel hydrogen secondary battery. The hydrogen absorbing alloy has a specific chemical composition represented by formula (1): RMgNiAlM and has an Mg rich Ni poor region on the outermost surface thereof and an Mg Ni containing region in the inside thereof wherein the Mg rich Ni poor region contains Mg at a larger molar ratio than the molar ratio of Mg in formula (1) and contains Ni at a smaller molar ratio than the molar ratio of Ni in formula (1) and wherein the Mg Ni containing region contains Mg in a smaller molar ratio than the molar ratio of Mg in the Mg rich Ni poor region and contains Ni at a larger molar ratio than the molar ratio of Ni in the Mg rich Ni poor region.

No. of Pages : 58 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6254/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VACUUM INSULATION SWITCHGEAR AND METHOD FOR REPLACING MOLD SWITCH

(51) International classification :H02B13/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/051420
Filing Date :26/01/2011
(87) International Publication No :WO 2012/101766
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KIKUKAWA Shuichi
2)TAKAHASHI Keiichi
3)MORITA Ayumu

(57) Abstract :
The objective of the present invention is to replace a mold switch without enlarging the entirety of a switchgear. When replacing a mold switch which is arranged within a switching device section and is comprised of a switch having a shutoff function operated by an operation mechanism unit located below and a switch having a disconnection/grounding function: the connection between a bus side bushing and a bus and the connection between a cable side bushing and the cable are removed the fastening to a mold switch securing member which secures the mold switch to a housing and the fastening to an on/off switch support member which supports and secures the mold switch securing member are released and thereafter the mold switch securing member is raised upward by equal to or more than a projecting size of the bus side bushing in the height direction and then the mold switch is drawn in the horizontal direction to remove the mold switch out of the switchgear and thereafter a mold switch for replacement is installed in the switching device section by procedures reversing the above.

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6047/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ASEPTIC CARTRIDGE AND DISPENSER ARRANGEMENT

(51) International classification :A61M5/28,A61J1/06
(31) Priority Document No :61/419892
(32) Priority Date :06/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063624
Filing Date :07/12/2011
(87) International Publication No :WO 2012/078696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GENOSAR Amir

(57) Abstract :
A cartridge for use with a beneficial agent delivery device having a fillable reservoir. The cartridge includes a reconstitution unit dose package having first and second compartments and a fitment. The first compartment contains at least a first constintuent of the beneficial agent. The second compartment contains at least a second constituent of the beneficial agent. The fitment is disposed on the package for interfacing the package to the fillable reservoir.

No. of Pages : 85 No. of Claims : 195

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6160/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTEGRATED PROCESS TO CO PRODUCE TRANS 1 CHLORO 3 3 3 TRIFLUOROPROPENE TRANS 1 3 3 3 TETRAFLUOROPROPENE AND 1 1 1 3 3 PENTAFLUOROPROPANE

(51) International classification :C07C17/20,C07C17/42,C07C21/18
(31) Priority Document No :61/434002
(32) Priority Date :19/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021061
Filing Date :12/01/2012
(87) International Publication No :WO 2012/154227
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MERKEL Daniel C.
2)WANG Haiyou
3)POKROVSKI Konstantin A.
4)TUNG Hsueh Sung
5)SHANKLAND Ian

(57) Abstract :
Disclosed is an integrated process to co produce trans 1 chloro 3 3 3 trifluoro propene (1233zd(E)) trans 1 3 3 3 tetrafluoropropene (1234ze(E)) and 1 1 1 3 3 pentafluoropropane (245fa). Overall the co production is a three step process. The chemistry involves the steps of: (1) the reaction of 240fa with anhydrous HF in excess in a liquid phase catalyzed reactor in such a way as to co produce primarily 1233zd(E) and 244fa (plus byproduct HC1); (2) the 244fa stream can then be used to directly produce any of the three desired products; (3 a) the 244fa stream can be dehydrochlorinated to produce the desired second product 1234ze(E); and/or (3b) the 244fa stream can be dehydrofluorinated to produce 1233zd(E) if more of that product is desired; and/or (3 c) the 244fa stream can be further fluorinated to form 245 fa.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6161/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PREPARING ALCOHOL CARBONATE USING RARE EARTH OXIDES AS CATALYSTS

(51) International classification :C07D317/34
(31) Priority Document No :1150215
(32) Priority Date :11/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/050326
Filing Date :11/01/2012
(87) International Publication No :WO 2012/095435
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MIGNANI Grard
2)LEMAIRE Marc
3)DA SILVA Eric
4)DAYOUB Wissam
5)RAOUL Yann

(57) Abstract :
The invention relates to a method for preparing by means of transcarbonation a compound of formula (I) including reacting a polyol of formula (II) with an alkyl carbonate or an alkylene carbonate in the presence of a catalytic system consisting of a catalytic entity selected from among the rare earth oxides or the mixtures thereof and optionally an inert substrate.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6280/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING OPIOID AGONIST AND SEQUESTERED ANTAGONIST

(51) International classification :A61K9/50,A61K31/485
(31) Priority Document No :61/438882
(32) Priority Date :02/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050348
Filing Date :25/01/2012
(87) International Publication No :WO 2012/104752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WILSON Edward Scott

(57) Abstract :
This invention pertains to pharmaceutical composition comprising a plurality of multi layered beads having an oxycodone layer and a sequestering subunit comprising a naltrexone and a blocking agent in particular pharmaceutical compositions comprising a higher level of naltrexone and related compositions and methods of use such as in the prevention of abuse of a therapeutic agent. The compositions of the present invention also have a long T max for oxycodone release and a flatter release profile of oxycodone over time.

No. of Pages : 66 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6281/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SHOT SCHEDULING LIMITS FOR SEISMIC ACQUISITION WITH SIMULTANEOUS SOURCE SHOOTING

(51) International classification :G01V1/00
(31) Priority Document No :61/431943
(32) Priority Date :12/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021031
Filing Date :12/01/2012
(87) International Publication No :WO 2012/097122
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ABMA Raymond
2)BEAUDOIN Gerard J.
3)JIANG Zhiyong

(57) Abstract : According to an embodiment of the instant invention there is provided a method for collecting a blended source seismic survey that utilizes new approach to determining; a random time separation between successive shots. The random time separation may be drawn in some embodiments from a distribution of uniformly distributed numbers with t > where t is the half width of the uniform distribution and is the lowest frequency of interest in the survey.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6058/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH PURITY HEAVY NORMAL PARAFFINS UTILIZING INTEGRATED SYSTEMS

(51) International classification :C10G67/02,C10G45/02,C10G25/00
(31) Priority Document No :12/976295
(32) Priority Date :22/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064142
Filing Date :09/12/2011
(87) International Publication No :WO 2012/087612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PIEPER Jeffrey L.

(57) Abstract :
A process is presented for producing a purified normal paraffin product stream. The process includes passing a hydrocarbon stream having the desired normal paraffins to an adsorption separation system. A process stream generated from the separation system and having the normal paraffins is passed to an adsorption unit for the selective adsorption of aromatic compounds from the process stream thereby producing a purified product.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6176/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS AND APPARATUS FOR VENTING A CATALYST COOLER

(51) International classification :B01J38/04,B01J37/08,B01J19/24
(31) Priority Document No :13/036603
(32) Priority Date :28/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026534
Filing Date :24/02/2012
(87) International Publication No :WO 2012/118710
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MYERS Daniel N. (Deceased)

(57) Abstract :
The process and apparatus herein provide a catalyst cooler with a vent that communicates fluidizing gas to a lower chamber of a regenerator. Air that is used as fluidizing gas can then be consumed in the regenerator without promoting after burn in upper chamber.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6177/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCTION OF CARBON DIOXIDE FROM SYNTHESIS GAS

(51) International classification :C01B31/20,F01N3/08,B01J7/00
(31) Priority Document No :61/423328
(32) Priority Date :15/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064068
Filing Date :09/12/2011
(87) International Publication No :WO 2012/082531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DAVIS Lamar A.
2)PALLA Nagaraju
3)BOEHM JR. Ernest J.

(57) Abstract :
The present invention provides a series of processing steps to remove carbon dioxide from synthesis gas. The syngas exiting a hydrogen sulfide absorber is first compressed subjected to a dehydration step and a low temperature liquefaction and separation to remove carbon dioxide. The high pressure syngas then continues on to a carbon dioxide absorber for carbon dioxide removal. The system can operate with lower solvent rates and equipment sizes compared to prior art systems.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6178/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OLIGONUCLEOTIDE PROBE SET AND METHODS OF MICROBIOTA PROFILING

(51) International classification :C12Q1/68
(31) Priority Document No :1021399.9
(32) Priority Date :16/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/052509
Filing Date :16/12/2011
(87) International Publication No :WO 2012/080754
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VEB˜ Heidi
2)RUDI Knut
3)SEKELJA Monika

(57) Abstract :
The invention provides a set of oligonucleotide probes said set comprising:(a) an oligonucleotide comprising a nucleotide sequence selected from SEQ ID NO 1 SEQ ID NO 27 or a sequence capable of hybridising to either sequence under conditions of high stringency;(b) an oligonucleotide comprising a nucleotide sequence selected from SEQ ID NO 2 SEQ ID NO 28 or a sequence capable of hybridising to either sequence under conditions of high stringency;(c) an oligonucleotide comprising a nucleotide sequence selected from SEQ ID NO 3 SEQ ID NO 29 or a sequence capable of hybridising to either sequence under conditions of high stringency;(d) an oligonucleotide comprising a nucleotide sequence selected from SEQ ID NO 4 SEQ ID NO 30 or a sequence capable of hybridising to either sequence under conditions of high stringency; and(e) one or more oligonucleotides comprising a nucleotide sequence selected from those recited in Table 1 or a sequence capable of hybridising to any nucleotide sequence recited in Table 1 under conditions of high stringency; and optionally(f) one or more oligonucleotides comprising a nucleotide sequence selected from those recited in Table 2 and Table 3 or a sequence capable of hybridising to any nucleotide sequence recited in Table 2 and Table 3 under conditions of high stringency. Methods of profiling the microbiota of the GI tract of a subject and methods of diagnosing or monitoring a disease or condition in a subject or predicting or assessing the risk of a subject developing a disease or condition in which the oligonucleotide probe set of the invention is used are also provided. Kits comprising the oligonucleotide probe set of the invention are also provided.

No. of Pages : 72 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6297/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR MEASURING THE RESISTANCE OF FILMS

(51) International classification :G01N33/483,C12Q1/02
(31) Priority Document No :1060960
(32) Priority Date :21/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/053138
Filing Date :21/12/2011
(87) International Publication No :WO 2012/085468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BERNARDI Thierry
2)MAYER Pascal
3)GROELLY Jr´me

(57) Abstract :
The present application relates to a method for measuring the effect of a force e.g. a mechanical or hydrodynamic force on the integrity of a film for example a biofilm formed by microorganisms said method consisting in observing the effect of the force on microbeads incorporated into the film. Preferably the microbeads are magnetic or magnetisable. The method is particularly suitable for use in the fields of biology chemistry and biotechnology or in the agroprocessing industry.

No. of Pages : 53 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6056/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SLURRY PHASE APPARATUS

(51) International classification :B01J8/22,B01J8/18,C10G2/00
(31) Priority Document No :61/422457
(32) Priority Date :13/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/055607
Filing Date :12/12/2011
(87) International Publication No :WO 2012/080933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KLEYNHANS Evert Phillippus
3)LEE Marshall Stephen
4)NEL Hermanus Gerhardus

(57) Abstract :
A method of operating a slurry phase apparatus (10) includes feeding one or more gaseous reactants into a slurry body (37) of solid particulate material suspended in a suspension liquid contained inside a vessel (12). The one or more gaseous reactants are fed into the slurry body (37) through a gas distributor (14) having downward facing gas outlets (32) and are fed towards a fluid impermeable partition (18) spanning across the vessel (12) below the gas distributor (14). The partition (18) divides the vessel (12) into a slurry volume (19) above the partition (18) and a bottom volume (36) below the partition (18). A differential pressure is maintained over the partition (18) between predefined limits by manipulating or allowing changes in the pressure in the bottom volume (36) by employing a pressure transfer passage (34) establishing flow or pressure communication between the bottom volume (36) and a head space (40) above the slurry body (37).

No. of Pages : 21 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.6057/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR PRODUCING A RENEWABLE HYDROCARBON FUEL

(51) International classification :C10G3/00,C10L1/02,C10B53/02
(31) Priority Document No :12/969335
(32) Priority Date :15/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063058
Filing Date :02/12/2011
(87) International Publication No :WO 2012/082401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KALNES Tom N.

(57) Abstract :
One exemplary embodiment can be a process for producing a renewable hydrocarbon fuel. The process can include providing a feed including a lignocellulosic material to a pyrolysis zone to produce a stream including a pyrolysis oil providing the pyrolysis oil stream to a refining zone producing a refined stream providing at least a portion of the refined stream to a reforming zone producing a stream including hydrogen providing at least a portion of the hydrogen stream to the refining zone; and recovering the renewable hydrocarbon fuel from the refined stream.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6171/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD TO ADJUST 2 PHENYL CONTENT OF AN ALKYLATION PROCESS FOR THE PRODUCTION OF LINEAR ALKYL BENZENE

(51) International classification :C07C2/66,C07C15/04,B01J29/04
(31) Priority Document No :12/965040
(32) Priority Date :10/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060122
Filing Date :10/11/2011
(87) International Publication No :WO 2012/078303
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SOHN Stephen W.
3)JAN Deng Yang

(57) Abstract :
A process is presented for controlling the output of monoalkylated benzenes. The alkylbenzenes are linear alkylbenzenes and the process controls the 2 phenyl content of the product stream. The control of the process to generate a linear alkylbenzene with a 2 phenyl content within a desired range by recycling a portion of the effluent from the alkylation reactor to the inlet of the reactor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6290/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITION FOR THE TREATMENT OF SKIN CONDITIONS

(51) International classification :A61K31/305,A61K31/58,A61K31/137
(31) Priority Document No :2010905529
(32) Priority Date :20/12/2010
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2011/001567
Filing Date :01/12/2011
(87) International Publication No :WO 2012/083341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A topical composition for the treatment of skin conditions. The composition comprises an antifungal agent an anti inflammatory agent and an antimicrobial agent together with a pharmaceutically acceptable excipient. The anti inflammatory is present at a concentration of less than 0.01%wt of the composition and the antimicrobial agent has the general formula (I) : (Formula (I)).

No. of Pages : 38 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6291/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HEATING UTENSIL COMPRISING A NON STICK COATING WITH A THREE DIMENSIONAL PATTERN

(51) International classification :A47J36/02,B05D5/08
(31) Priority Document No :1151375
(32) Priority Date :18/02/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050362
Filing Date :20/02/2012
(87) International Publication No :WO 2012/110752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FONTAINE Michel
3)BALDECK Clotilde

(57) Abstract :
The present invention relates to a heating utensil (1) comprising a support (2) intended to be heated said support (2) comprising a surface (3) covered by a non stick coating (4) said non stick coating (4) comprising at least one sintered layer (5 5) based on fluorocarbon resin forming a continuous network. According to the invention said sintered layer (5 5) additionally comprises a mixture of magnetizable particles and of non magnetizable particles some of said magnetisable particles being oriented so as to form a three dimensional pattern. The invention also relates to a method for producing such a heating utensil (1).

No. of Pages : 43 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6179/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMPROVED DRYING METHOD

(51) International classification :D06F58/02,D06F58/20,F26B3/20
(31) Priority Document No :1100918.0
(32) Priority Date :19/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050121
Filing Date :19/01/2012
(87) International Publication No :WO 2012/098408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KENNEDY Frazer John
3)BURKINSHAW Stephen Martin

(57) Abstract :
The invention provides a method for the drying of a wet substrate comprising treating the substrate with a solid particulate material at ambient or elevated temperature the treatment being carried out in an apparatus comprising a perforated drum which is rotated so as to facilitate the mechanical action between the substrate and the particulate material. The solid particulate material comprises polymeric particles non polymeric particles or mixtures of polymeric and non polymeric particles.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6180/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A COMPOSITE ARTICLE AND A METHOD OF FORMING A COMPOSITE ARTICLE

(51) International classification :B29C70/20,B29C70/34,B29C70/88
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2011/050063
Filing Date :21/01/2011
(87) International Publication No :WO 2012/099512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HALLANDER Per
3)LUNDBERG Anders
4)NYMAN Tonny
5)WEIDMANN Bjrn
6)PETERSSON Mikael

(57) Abstract :
The present invention relates to a composite article 801 wherein the article has a longitudinal direction L and a transversal direction T the article 80 comprises a stack of plies wherein one ply is a bottom ply and one ply is a top ply most of or all of the plies comprise fibres and the article comprises a plurality of plies having fibres substantially in the orthogonal direction 810 to the longitudinal direction L of the article 801 and the stack further comprises a plurality of plies having fibres substantially in the same direction 811 as the longitudinally direction L of the article 801 and / or a plurality of plies having fibres in the diagonal direction (812 813 815 816 817 818) of the longitudinal direction (L) of the article (801) wherein at least one of the ply / plies having fibres substantially in the orthogonal direction 810 to the longitudinal direction L of the article 801 comprise fibres that are stiffer than the fibres in the other plies which have less stiff fibres. The present invention also relates to a method of forming an article on a tool the tool having one longitudinal direction L and one transversal direction T.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6181/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MANUFACTURING A WHEEL

(51) International classification :B22C9/02,B22C9/08,B22C9/28
(31) Priority Document No :61/430738
(32) Priority Date :07/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020485
Filing Date :06/01/2012
(87) International Publication No :WO 2012/094596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MAUTINO Peter S.
2)SICILIA Anthony J.

(57) Abstract :
A system for manufacturing a wheel includes a cope mold portion comprising internal cope mold walls and a drag mold portion comprising internal drag mold walls. The internal cope mold walls and internal drag mold walls define at least in part perimeter boundaries of a wheel cavity. The wheel cavity comprises a cavity center portion configured to form a wheel center portion of a wheel after solidification of a molten alloy in the cavity center portion a cavity plate portion configured to form a wheel plate portion of the wheel after solidification of a molten alloy in the cavity plate portion and a cavity flange portion configured to form a wheel flange portion of the wheel after solidification of a molten alloy in the cavity flange portion. The system includes a chill component positioned within the wheel cavity adjacent the cavity flange portion. The chill component is configured to provide directional solidification from the cavity flange portion toward the cavity plate portion of molten alloy in the wheel cavity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6300/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMAGE PREDICT CODING DEVICE IMAGE PREDICT CODING METHOD IMAGE PREDICT CODING PROGRAM IMAGE PREDICT DECODING DEVICE IMAGE PREDICT DECODING METHOD AND IMAGE PREDICT DECODING PROGRAM

(51) International classification :H04N7/32
(31) Priority Document No :2011004338
(32) Priority Date :12/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079400
Filing Date :19/12/2011
(87) International Publication No :WO 2012/096104
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUZUKI Yoshinori
2)BOON Choong Seng
3)TAN Thiow Keng

(57) Abstract :
An image predict coding device of an embodiment derives motion information for acquiring a signal with a high degree of correlation with a pixel signal of an object region which is treated as an object to be coded from an already played comparison window. The motion information includes predict modes on a single prediction using one comparison window and a dual prediction using two comparison windows which are treated as selection candidates. One prediction mode is selected from the two prediction mode candidates. If the single prediction is selected the motion information is derived from one comparison window which is defined in a single comparison window list for the single prediction wherein a plurality of comparison window frame numbers are registered. At least the predict mode is coded as the motion information.

No. of Pages : 84 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.6189/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUBSTRATE PROVIDED WITH A STACK HAVING THERMAL PROPERTIES IN PARTICULAR FOR MANUFACTURING HEATED GLASS

(51) International classification :C03C17/36
(31) Priority Document No :1150087
(32) Priority Date :06/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050041
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093238
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LAURENT Stphane
2)DRESE Robert

(57) Abstract :
The invention relates to a substrate (10) in particular a transparent glass substrate provided with a stack of thin layers comprising an alternation of n metal functional layers (40 80 120) in particular functional layers made of silver or a metal alloy containing silver and (n + 1) non reflecting coatings (20 60 100 140) where n is an integer = 3 each non reflecting coating comprising at least one non reflecting layer such that each functional layer (40 80 120) is arranged between two non reflecting coatings (20 60 100 140) characterised in that said stack comprises at least two high index non reflecting layers (25 145) each having a refractive index = 2.15 such that the non reflecting coating (20) located under the first functional layer (40) starting from the substrate and the non reflecting coating located above the last functional layer starting from the substrate each comprise at least one high index non reflecting layer (25 145) and such that each non reflecting coating (60 100) which is arranged between two functional layers does not comprise a high index non reflecting layer.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6305/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CAPSULE AND METHOD FOR THE PREPARATION OF A BEVERAGE BY CENTRIFUGATION

(51) International classification :A47J31/22,B65D85/804
(31) Priority Document No :11151853.6
(32) Priority Date :24/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/050271
Filing Date :10/01/2012
(87) International Publication No :WO 2012/100976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TINEMBART Jean Fran§ois
3)PERENTES Alexandre
4)GERBAULET Arnaud

(57) Abstract :
Capsule (1) designed in particular for preparing a beverage by centrifugation of a capsule in a centrifugal preparation device comprising: a body (2) comprising a containment wall delimiting a main cavity (6) of central axis (I) and a lid (7) associated to the body for delimiting a compartment containing beverage ingredients; said capsule further comprising at least one breakable outlet area positioned at the body and/or lid; said at least one breakable area being positioned at a distance from the central axis (I) and being obtained by any of means (a) to (d) : e) A breakable and dedicated membrane(9 16) covering a predefined opening (8 15) in the containment wall or lid and connected to the wall or lid f) A dedicated membrane covering a predefined opening in the containment wall or lid and connected to the wall or lid by a breakable sealing joint or g) A dedicated breakable and localized reduction of thickness of the material of the containment wall or lid h) Any possible combinations of a) b) or c).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6306/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENCASED HOURGLASS COILS AND MATTRESS CORES

(51) International classification :A47C23/04
(31) Priority Document No :61/435062
(32) Priority Date :21/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021681
Filing Date :18/01/2012
(87) International Publication No :WO 2012/099936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DEMOSS Larry K.

(57) Abstract :
Encased hourglass coils and encased hourglass coil mattress cores have steel wire coils with an hourglass profile encapsulated in a sheet material enclosure package casing housing containment or encapsulation wherein coils are enclosed within an enclosure made of fabric non woven or other material which encapsulates each individual coil spring and serves to maintain multiple coil springs in an array or alignment in a mattress core. The hourglass configurations of the coils wherein at least one helical convolution of the coil body located between the coil ends has a diameter which is less than every other convolution of the coil body provides a mattress core which has a relatively lower spring rate upon initial compression and a higher spring rate at higher compression loads.

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6206/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR PREPARING AROMATIC AMINES

(51) International classification :C07C209/36,C07C211/46
(31) Priority Document No :10 2011 002 497.2
(32) Priority Date :11/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050161
Filing Date :06/01/2012
(87) International Publication No :WO 2012/095356
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WILKE Karl Heinz
3)LEHNER Peter
4)LAGO Andre
5)DIETERICH Erwin

(57) Abstract :
The invention relates to a process for continuously preparing aromatic amines by hydrogenating the corresponding nitroaromatics in the presence of catalysts arranged in reaction chambers wherein an adiabatically operated reaction chamber RA is sited downstream of an isothermally operated reaction chamber RI and RA additionally possesses a separate feed port for the nitroaromatic to be hydrogenated RI is fed from the start to the end of hydrogenation with the nitroaromatic to be hydrogenated and the product mixture emerging from RI is fed from the start to the end of hydrogenation into RA it additionally being possible for RA to be fed via the separate feed port with the nitroaromatic to be hydrogenated.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6207/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LONG LASTING CONTROLLED RELEASE LIPOSOME COMPOSITION AND METHOD FOR PRODUCING SAME

(51) International classification	:A61K9/127,A61K47/04,A61K47/24
(31) Priority Document No	:2011068052
(32) Priority Date	:25/03/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/057376 :22/03/2012
(87) International Publication No	:WO 2012/133121
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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3)OTOMO Naoki

(57) Abstract :
The invention provides a liposome composition which is obtained by mixing a water miscible organic solution in which a phospholipid and cholesterol are contained at a total concentration of 100 to 200 w/v% in a water miscible organic solvent with a first aqueous phase solution in an amount of 3/1 to 12/1 in terms of volume ratio to the water miscible organic solution thereby obtaining an emulsion in which the total concentration of the phospholipid and cholesterol in the resulting mixed phase is 15 to 50 w/v% followed by subjecting the emulsion to external solution exchange with a second aqueous phase solution wherein an ion gradient is formed between an aqueous phase in an internal region of a liposome membrane comprising the first aqueous phase solution and an aqueous phase in an external region of the liposome membrane comprising the second aqueous phase solution and a drug can be introduced in a high encapsulation amount. The invention also provides a liposome preparation which has long lasting controlled release properties while maintaining a clinically sufficient effective concentration and is suitable for subcutaneous administration and so on.

No. of Pages : 76 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6208/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMBINED USE OF VIP3AB AND CRY1AB FOR MANAGEMENT OF RESISTANCE INSECTS

(51) International classification :A01H5/00,C12N5/10,C12N15/82
(31) Priority Document No :61/423935
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065585
Filing Date :16/12/2011
(87) International Publication No :WO 2012/083219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)STORER Nicholas P.
6)SHEETS Joel J.

(57) Abstract :
The subject invention includes methods and plants for controlling lepidopteran insects said plants comprising a Vip3Ab insecticidal protein in combination with a CrylAb protein to delay or prevent development of resistance by the insect(s) particularly corn earworm.

No. of Pages : 39 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6209/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LARGE SCALE PRESSURE SWING ADSORPTION SYSTEMS HAVING PROCESS CYCLES OPERATING IN NORMAL AND TURNDOWN MODES

(51) International classification :B01D53/047
(31) Priority Document No :13/004719
(32) Priority Date :11/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020195
Filing Date :04/01/2012
(87) International Publication No :WO 2012/096814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SIMO Marian

(57) Abstract :
The present invention relates to large scale pressure swing adsorption systems (i.e. ranging from twelve to sixteen beds) utilizing new and advanced cycles to obtain enhanced hydrogen recovery from a hydrogen containing feed gas (i.e. synthesis gas).

No. of Pages : 44 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6322/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITE REINFORCEMENT COATED WITH A SELF ADHESIVE POLYMER LAYER WHICH ADHERES TO RUBBER

(51) International classification :B60C9/00,B29D30/38,D02G3/48
(31) Priority Document No :1150857
(32) Priority Date :03/02/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/051517
Filing Date :31/01/2012
(87) International Publication No :WO 2012/104280
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RIGO Sbastien
3)CUSTODERO Emmanuel

(57) Abstract :
Composite reinforcer (R-2) capable of adhering directly to a diene rubber matrix, which can be used as a reinforcing element for a pneumatic tyre, comprising: - one or more reinforcing thread(s) (20), for example a carbon steel cord; covering said thread, individually each thread or collectively several threads, a layer of a thermoplastic polymer composition comprising at least one thermoplastic polymer, the glass transition temperature of which is positive, an unsaturated thermoplastic styrene (TPS) elastomer, the glass transition temperature of which is negative, and a poly(p-phenylene ether) (PPE). Process for manufacturing such a composite reinforcer and rubber article or semi-finished product, especially a pneumatic tyre, incorporating such a composite reinforcer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6201/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH CARBON STEEL WIRE HAVING EXCELLENT DRAWABILITY AND FATIGUE PROPERTIES AFTER DRAWING

(51) International classification :C22C38/00,C21C7/04,C21C7/06
(31) Priority Document No :2011043811
(32) Priority Date :01/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054971
Filing Date :28/02/2012
(87) International Publication No :WO 2012/118093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMADA Wataru
3)KIYOSE Akihito
4)KUDOU Kouichi
5)YAMASAKI Shingo

(57) Abstract :
Provided is high performance high carbon steel wire having a very low breakage rate during drawing even under harsh conditions and excellent fatigue properties after drawing wherein the inclusions after wire rolling are finely ground. The steel is characterized in that the steel has a specific composition and that the percentage of the number of individual inclusions satisfying (%SiO)=40 to 95% (%CaO) = 0.5 to 30% (%AIO) = 0.5 to 30% (%MgO) = 0.5 to 20% (%MnO)= 0.5 to 10% and further satisfying (% Na) =0.2 to 7% and (%F) = 0.17 to 8% (composition targeted inclusions hereafter) among the oxide non metal inclusions having a minor axis of 0.5 μm major axis of 1.0 μm or greater and an equivalent circle diameter of 1 μm or greater in terms of the wire cross section in the direction L (size targeted inclusions hereafter) or the number of individual composition targeted inclusions/the number of individual size targeted inclusions — 100 is 80%.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6316/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OXAZINE DERIVATIVES AND THEIR USE IN THE TREATMENT OF NEUROLOGICAL DISORDERS

(51) International classification	:C07D413/12,C07D471/04,A61K31/5377
(31) Priority Document No	:61/432037
(32) Priority Date	:12/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2012/050387 :11/01/2012
(87) International Publication No	:WO 2012/095463
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)NEUMANN Ulf
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6)SCHAEFER Michael
7)TINTELNOT BLOMLEY Marina
8)VEENSTRA Siem Jacob
9)VOEGTLE Markus

(57) Abstract :
The invention relates to novel heterocyclic compounds of the formula (I) in which all of the variables are as defined in the specification in free form or in pharmaceutically acceptable salt form to their preparation to their medical use and to medicaments comprising them.

No. of Pages : 105 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6317/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ORAL CARE IMPLEMENT HAVING A DECORATIVE MEMBER AND A METHOD OF FORMING THE SAME

(51) International classification :A46B5/00,A46B15/00,A46D3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/023368
Filing Date :01/02/2011
(87) International Publication No :WO 2012/105964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HOHLBEIN Douglas J.

(57) Abstract :
An oral car implement (100) having a decorative member (150) recessed in a handle (120) of the oral care implement and having at least a portion thereof exposed via an aperture (140) and a method of forming the same. In one aspect the invention can be an oral care implement (120) comprising: a handle having a longitudinal axis and a head (110) connected to the handle; the handle comprising a first transverse section (122) and a second transverse section (121) the first transverse section coupled to the second transverse section; a decorative member disposed between the first transverse section and the second transverse section; and an aperture extending through the first transverse section that exposes at least a portion of the decorative member.

No. of Pages : 26 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6318/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTI PUMP UNIT TANDEM PUMP UNIT AND WORK VEHICLE

(51) International classification :F04B23/06,B60K17/10,F04B1/22
(31) Priority Document No :2011002140
(32) Priority Date :07/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050131
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093705
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KIYOOKA Koji

(57) Abstract :
First and second port blocks have commonalities in that each includes: an axial hole through which a pump shaft is inserted; a pair of working oil passages; a charge oil passage that has one end opening up in the outer surface and forming a pressurized oil receiving port; and a branched oil passage that has one end in fluid connection with the charge oil passage and the other end opening up in the end surface and forming a connection port. The connection port is located on a virtual plane that lies along the first plate surface direction and the thickness direction while passing through the axis of said axial hole. A pressurized oil is supplied to one of the pressurized oil receiving ports and the other pressurized oil supply port is closed with a plug. A relief valve for setting the oil pressure of the charge oil passage is attached to only one of the first and second port blocks.

No. of Pages : 106 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6212/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SAMPLE RECEIVING APPARATUS

(51) International classification :G01N21/03,G01N21/11
(31) Priority Document No :1021175.3
(32) Priority Date :14/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/001718
Filing Date :13/12/2011
(87) International Publication No :WO 2012/080697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BAHRAMI Morteza

(57) Abstract :
Sample receiving apparatus (301) for use in and a method of retaining a liquid sample (305) to be analysed within a light path between a light source and a light detector. A sample receiving body (302) defines a sample duct (303) and a port (304) for allowing passage of a liquid sample (305) into the sample duct (303). The sample duct is configured to receive a liquid sample (305) between a light source input position (306) and a light detector input position (307) the distance between the light source input position and the light detector input position defining a sample path length (L). The sample receiving apparatus (301) is configured such that the distance between the light source input position (306) and the light detector input position (307) is adjustable so as to adjust the length of the sample path length (L). Sample receiving apparatus (301) for use in spectrophotometer. Sample receiving apparatus for use with low volume samples (305).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6213/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TURBOPROP POWERED AIRCRAFT

(51) International classification :B64D13/08,B64D15/06
(31) Priority Document No :1100399.3
(32) Priority Date :11/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050014
Filing Date :06/01/2012
(87) International Publication No :WO 2012/095646
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SMITH Stephen John Richard
2)WATT Kieran James
3)WHITE Andrew Charles

(57) Abstract :
A turboprop powered medium altitude long endurance aircraft comprising: a gas turbine engine (8); heat scavenging apparatus (44) for example a thermal blanket comprising capillary tubing arranged to scavenge heat from the gas turbine engine (8); and heating apparatus arranged to use the scavenged heat to provide heating to the aircraft. The heat scavenging apparatus (44) may be placed on an engine casing (14) and/or on or in an engine exhaust duct (16).The heating apparatus may comprise a circulation path (40) routed directly to a location in the aircraft where heating is to be performed for example a leading edge of an engine support pylon (6) or a leading edge of an engine carrying wing. The heating apparatus may comprise a heat exchanger (53 and/or 52).

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6332/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HYDROGEN PRODUCTION PROCESS

(51) International classification :C01B3/06,C01B17/50
(31) Priority Document No :2010294085
(32) Priority Date :28/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078845
Filing Date :07/12/2011
(87) International Publication No :WO 2012/090704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TAKESHIMA Shinichi
2)NAKAMURA Norihiko

(57) Abstract :
A method for producing hydrogen from water is provided. The hydrogen production process of the present invention comprises splitting water into hydrogen and oxygen, wherein the process of the present invention comprises decomposing sulfuric acid into water, sulfur dioxide and oxygen through a reaction represented by the following formula (XI) by using solar thermal en o ergy, wherein at least a part of the elementary reaction of the following formula (Xl-1) is performed using thermal solar energy, and at least a part of the elementary reaction of the following formula (XI -2) is performed using additional thermal energy other than o solar thermal energy, and wherein the heating temperature by the additional thermal energy is higher by 10°C or more than the heat - ing temperature by the solar thermal energy, and at least a part of the additional thermal energy is generated in a reaction vessel: (XI) H2S04- H20 + S02 + l/20 2, (Xl-1) H2S04- H20 + S03, and (Xl-2) S03-S02 + l/20 2.

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6333/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRODIALYSIS UNIT FOR WATER TREATMENT

(51) International classification :C02F1/469,B01D61/42,B01D61/44
(31) Priority Document No :1100770.5
(32) Priority Date :17/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/050510
Filing Date :13/01/2012
(87) International Publication No :WO 2012/098056
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ANDERSEN Aage Bj¸rn

(57) Abstract :
An electrodialysis unit 8 comprises a plurality of cathodes 68 a plurality of anodes 70 and a plurality of membranes 71; the cathodes 68 and anodes 70 being arranged alternately in an electrode stack with membranes 71 in between each cathode 68 and anode 70 anode flow paths 74 formed between the membranes 71 and anodes 70 and cathode flow paths 72 formed between the membranes 71 and cathodes 68; the electrodialysis unit 8 further comprising: an inlet manifold 56 for distributing water to the anode flow paths 74 or to the cathode flow paths 72 wherein the inlet manifold 56 comprises a first tube 58 provided with holes along its length the holes being connected to the flow paths and a second tube 60 located within and enclosed by the first tube 58 the second tube 60 having an inlet at one end and being closed at its second end and the second tube 60 being provided with holes 62 along its length that open into the first tube 58.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6221/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDICAL DEVICE WIRELESS NETWORK ARCHITECTURES

(51) International classification :G06F19/00
(31) Priority Document No :13/006784
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021008
Filing Date :12/01/2012
(87) International Publication No :WO 2012/097113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GAINES Robert B.
2)WIESNER Joel D.
3)HOLSTE John

(57) Abstract :
An architecture for networked communications between a series of medical devices and a remote monitoring device. An interface circuit coupled to each medical device communicates with one of a plurality of relay modules via a wireless relay network. The relay modules communicate with the remote monitoring device over an internet accessible wireless communication network. Each relay module includes a receiver coupled to the wireless relay network a first transmitter coupled to the wireless relay network a second transmitter coupled to the internet accessible wireless communications network; and a controller. The controller determines a status of the internet accessible wireless communications network. When the status indicates that the internet accessible wireless communications network is accessible to the wireless relay module the second transmitter is selected for transmitting medical device data. When the internet accessible wireless communications network is not accessible the first transmitter is selected for transmitting the data to another wireless relay module.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6222/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE AND METHOD FOR PACKAGING ARTICLES

(51) International classification :B65B5/06,B65B35/20,B65B35/40
(31) Priority Document No :10 2011 004 474.4
(32) Priority Date :21/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051583
Filing Date :31/01/2012
(87) International Publication No :WO 2012/113614
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAPP Reinhard
2)BAUER Uwe

(57) Abstract :
A device and a method for packaging articles (14) are proposed wherein the device comprises the following: at least one insertion device (30) which transfers articles (14) to be packaged into a folded box (28) at least one transport means (16) which transports a plurality of articles (14) to be packaged in the form of a stack in at least one packaging material bowl (12) into the gripping region of the insertion device (30) wherein an aligning unit (20) is provided which in order to stabilize the stack acts on the articles (14) which lies in the packaging material bowl (12) before said articles (14) pass into the gripping region of the insertion device (30).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6223/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PREPARATION OF METAL TRIAZOLATE FRAMEWORKS

(51) International classification :C07F1/02,C07F1/00,C07F3/02
(31) Priority Document No :61/434936
(32) Priority Date :21/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022114
Filing Date :20/01/2012
(87) International Publication No :WO 2012/100224
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)URIBE ROMO Fernando J.
3)GANDARA BARRAGAN Felipe
4)BRITT David Kyle

(57) Abstract :
The disclosure provides for novel metal triazolate frameworks methods of use thereof and devices comprising the frameworks thereof.

No. of Pages : 94 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6341/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS OF RECEIVING MULTIPLE CARRIERS USING DIFFERENT RF MIXER FREQUENCIES AND RELATED COMMUNICATIONS DEVICES AND RECEIVERS

(51) International classification :H01B1/00
(31) Priority Document No :12/987841
(32) Priority Date :10/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050072
Filing Date :06/01/2012
(87) International Publication No :WO 2012/095770
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PARK Chester
2)SUNDSTR–M Lars
3)KHAYRALLAH Ali A.

(57) Abstract :
Methods may be provided to simultaneously receive first and second RF (radio frequency) carriers over respective first and second RF carrier frequencies. More particularly the first and second RF carriers may be provided at an RF mixer stage (401). During a first time period the first and second RF carriers may be down converted through the RF mixer stage using a first RF mixer frequency to generate first downconverted signals (415) and the first downconverted signals may be processed to provide first and second DC carriers corresponding to the first and second RF carriers (417). During a second time period the first and second RF carriers may be downconverted through the RF mixer stage using a second RF mixer frequency to generate second downconverted signals with the first and second RF mixer frequencies being different (409) and the second downconverted signals may be processed to provide the first and second DC carriers corresponding to the first and second RF carriers (411). Related devices are also discussed.

No. of Pages : 44 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6219/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PERFORMANCE ENHANCING ADDITIVES FOR FIBER FORMATION AND POLYSULFONE FIBERS

(51) International classification :B01D63/02,D01D5/24,D01F6/66
(31) Priority Document No :61/439396
(32) Priority Date :04/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023744
Filing Date :03/02/2012
(87) International Publication No :WO 2012/106583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FORD Cheryl
2)TEO Jiunn
3)SCHMIDT Leslie

(57) Abstract :
Disclosed are methods for spinning hollow polyarylether polymer fiber in particular using additives in the processes to form the polymeric fibers. The fibers produced can be formed into membranes with improved middle and/or higher molecular weight solute removal. Preferably the polyarylether polymer fiber is a polysulfone fiber.

No. of Pages : 54 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6334/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRODIALYSIS UNIT FOR TREATING WATER

(51) International classification :C02F1/469,B01D61/42
(31) Priority Document No :1100771.3
(32) Priority Date :17/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/050511
Filing Date :13/01/2012
(87) International Publication No :WO 2012/098057
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ANDERSEN Aage Bj¸rn

(57) Abstract :
An electrodialysis unit 8 for treating water comprises a membrane cell a temperature monitoring device 9a for monitoring the temperature of incoming water and a heater 9b for increasing the temperature of the incoming water before it reaches the membrane cell; wherein the heater 9b is arranged to operate to increase the temperature of the incoming water when the original water temperature is below a predetermined level.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6335/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRODIALYSIS UNIT FOR WATER TREATMENT

(51) International classification :C02F1/469,B01D61/44,B01D61/50
(31) Priority Document No :1100768.9
(32) Priority Date :17/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/050512
Filing Date :13/01/2012
(87) International Publication No :WO 2012/098058
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Andersen Aage Bj¸rn

(57) Abstract :
An electrodialysis unit 8 comprises a cathode 68 an anode 70 a membrane 71 between the cathode 68 and the anode 70 a cathode flow path 72 for water flow along the membrane 71 on the cathode side an anode flow path 74 for water flow along the membrane 71 on the anode side and a reaction zone formed between the membrane 71 and the cathode 68 where the cathode 68 faces the anode 70 wherein the cathode flow path 72 is arranged for laminar flow in the reaction zone and wherein the electrodialysis unit 8 comprises flow conditioning elements 64 arranged to promote laminar flow in the incoming water flow to the cathode flow path 72.

No. of Pages : 43 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6336/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRODIALYSIS UNIT FOR WATER TREATMENT

(51) International classification :C02F1/469,B01D61/44
(31) Priority Document No :1100769.7
(32) Priority Date :17/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/050515
Filing Date :13/01/2012
(87) International Publication No :WO 2012/098059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An electrodialysis unit 8 comprises a plurality of cathodes 68 a plurality of anodes 70 and a plurality of membranes 71; wherein the cathodes 68 and anodes 70 are arranged alternately in an electrode stack with membranes 71 in between each cathode 68 and anode 70; and wherein the cathode 68 and the anode 70 are each formed of a single conductive plate such that both surfaces of the cathode plates and anode plates enclosed within the electrode stack are in use in conductive contact with the water being treated.

No. of Pages : 44 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6338/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FILMCOATED SOLID DOSAGE FORMS COMPRISING HONEY IN THE COATING

(51) International classification :A61K9/20,A61K9/28,A61K31/137
(31) Priority Document No :61/442435
(32) Priority Date :14/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024849
Filing Date :13/02/2012
(87) International Publication No :WO 2012/112437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KNIGHTS Elissa Nicole

(57) Abstract :
The invention is associated with ingestible film coated solid dosage forms comprising natural honey in the coating applied to such forms. The natural honey of the film coated solid dosage form is of sufficient level to be perceived by the user while avoiding sticking to each other or the packaging with which they are in contact and or storage.

No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6339/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOULD LOADING APPARATUS FOR NUMERICALLY CONTROLLED PUNCH

(51) International classification :B21D37/12,B21D28/14
(31) Priority Document No :201120376111.4
(32) Priority Date :29/09/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/070265
Filing Date :12/01/2012
(87) International Publication No :WO 2013/044600
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)QI Haiou

(57) Abstract :
A mould-loading apparatus for a numerically controlled punch, wherein a press-type locking mechanism is provided between a guide bush (9) and a lock ring (17); the press-type locking mechanism is provided with a hook pin (26) and a spring (27); a lock-hook is provided on the hook pin; a cylindrical hole is provided on the guide bush; the cylindrical hole is in a sliding configuration with the hook pin; and the spring is provided in the cylindrical hole; the lower end face of the lock ring is provided with a flat groove allowing the hook pin to slide but not rotate; and an inner end face of the flat groove is provided with a slot (28) corresponding to the lock-hook on the hook pin. When it is necessary to adjust the length of the punch, the press-type locking mechanism locks the lock ring and the guide bush, meaning the entire mechanism is in an adjustment state, and the lock ring does not need to be secured manually; when adjustment to the length of the punch has been completed, the hook pin is pressed, the hook locking mechanism is tripped, and the lock ring is reset making the adjustment operation simple and convenient.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6233/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS AND SYSTEM TO DETERMINE TEMPORAL CHANGES IN RETRANSMISSION AND PROPAGATION OF SIGNALS USED TO MEASURE DISTANCES SYNCRONIZE ACTUATORS AND GEOREFERENCE APPLICATIONS

(51) International classification :G01S5/02,G01S13/87
(31) Priority Document No :PI 11020172
(32) Priority Date :18/04/2011
(33) Name of priority country :Brazil
(86) International Application No :PCT/BR2012/000113
Filing Date :17/04/2012
(87) International Publication No :WO 2012/142688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEVIT KAUFMANN Pedro

(57) Abstract :
The proposed solution includes the use of four reference bases (A B C D) on the ground at known positions with a coded time signal transmitted by one of them which is retransmitted by the repeater station and received by each of the reference bases. Using two distinct sets of three reference bases it is possible to calculate the differences between two positions for the repeater station (R) assigning to the later changes in time phase or frequency as well as temporal changes due to the signal propagation in the medium for the respective elevation angles found for the repeater. It can be then identified which values attributed to the temporal changes produces a minimum difference between the two respective positions of the repeater station (R). The identified temporal change can be used for the correct determination of the repeater station and its use on pertinent applications.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6234/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTOINJECTOR WITH MEANS FOR PREVENTING REUSE AND DISCONNECTION OF SAID FIRST AND SECOND BODY PORTIONS AFTER OPERATION.

(51) International classification :A61M5/20,A61M5/50
(31) Priority Document No :1021735.4
(32) Priority Date :22/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/052558
Filing Date :22/12/2011
(87) International Publication No :WO 2012/085581
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WOZENCROFT Robert

(57) Abstract :
An autoinjector has a body portion (10 12) containing a syringe (13) or cartridge with a needle at its forward end the autoinjector having a drive arrangement (60...) for effecting operation of said autoinjector and including a drive element that moves from a first position to a second position during said operation said body including a first (10) and a second body portion (12) connected together by a snap fit arrangement including a resiliently moveable latch finger (138) on one of said body portions that cooperates with a latch surface (142) on the other thereof to hold the two portions connected wherein said drive element in said second position (60) limits or prevents resilient movement of said moveable latch finger (142) thereby preventing disconnection of said first and second body portions after operation.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6235/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELEVATOR SYSTEM INCLUDING A 4:1 ROPING ARRANGEMENT

(51) International classification :B66B7/06,B66B11/08,B66B7/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/025841
Filing Date :23/02/2011
(87) International Publication No :WO 2012/115632
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An exemplary elevator system includes an elevator car. At least one guiderail guides movement of the elevator car. The guiderail has a length in a direction of movement of the elevator car and a depth generally perpendicular to the length. A plurality of flat belts are situated relative to the elevator car such that movement of the flat belts for causing movement of the elevator car is approximately four times a corresponding movement of the elevator car. A plurality of sheaves is situated for directing the flat belts as the belts at least partially wrap around the sheaves. The plurality of sheaves remains fixed near one end of the guide rail. The plurality of sheaves rotate about coaxially aligned axes and have a collective width along the axes that is no greater than the depth of the guiderail.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6357/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIQUID CRYSTAL LENS LIQUID CRYSTAL LENS DRIVE METHOD LENS UNIT CAMERA MODULE AND CAPSULE TYPE MEDICAL APPARATUS

(51) International classification :G02F1/13,G02B3/14,G02F1/1333
(31) Priority Document No :2011007236
(32) Priority Date :17/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050870
Filing Date :17/01/2012
(87) International Publication No :WO 2012/099127
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)YOSHIDA Mamoru

(57) Abstract :
A liquid crystal lens includes a first liquid crystal cell, a second liquid crystal cell, and an intermediate layer sandwiched therebetween. The first 5 liquid crystal cell includes a pair of a first transparent substrate and a second transparent substrate, a first liquid crystal layer, and a first electrode. The second liquid crystal cell includes a pair of a third transparent substrate and a fourth 10 transparent substrate, a second liquid crystal layer aligned in a direction perpendicular to the first liquid crystal layer, and a second electrode. The intermediate layer includes a high dielectric constant layer and a third electrode including one or a 15 plurality of opening portions.

No. of Pages : 140 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6242/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OPTIMIZED PROCESS FOR TREATING WASTE VIA HYDROTHERMAL TREATMENT

(51) International classification :C02F1/72,C02F11/08,B01J3/00
(31) Priority Document No :11 50247
(32) Priority Date :12/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/050248
Filing Date :09/01/2012
(87) International Publication No :WO 2012/095391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CANSELL Fran§ois

(57) Abstract :
The present invention relates to a process for the hydrothermal oxidation of organic compounds optionally with oxidizable inorganic compounds contained in an aqueous effluent in which said aqueous effluent is injected into a tubular reactor where the effluent is brought to a supercritical pressure and where the temperature of the effluent is gradually increased from its initial temperature up to a supercritical temperature without intermediate temperature reduction while introducing into said tubular reactor an amount of oxidizing agent sufficient to completely oxidize the organic compounds and optionally to at least partly oxidize oxidizable inorganic compounds the oxidizing agent being introduced in a fractionated manner at several points located increasingly downstream of the reactor and in which the composition and/or the concentration of organic compounds and/or of oxidizable inorganic compounds within the effluent to be treated varies with time and upstream of the tubular reactor where the oxidation is carried out the TOD of the effluent to be treated is measured and it is monitored so that is has a value greater than 120 g/l and less than 250 g/l prior to its injection into the tubular reactor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6243/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NAVIGATION METHODS AND SYSTEMS

(51) International classification :G08G1/0968,G08G1/052,G01C21/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/070970
Filing Date :31/12/2010
(87) International Publication No :WO 2012/089282
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BASTIAENSEN Edwin
2)TSIOBBEL Stephen

(57) Abstract :
Lane speed profiles are determined for each of a plurality of individual lanes of a multi lane road section. The plurality of individual lanes are lanes for a given direction of travel. The lane speed profiles are determined using real time vehicle probe data. The speed profiles are used to determine a timing for provide an instruction to a user of a navigation apparatus to change lane. The timing may be determined to provide a quickest route through at least a part of the road section to increase the time available for the user to perform the lane change or to enable a user to pass an incident affecting a lane most quickly.

No. of Pages : 53 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.6244/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHASE BASED TRACKING

(51) International classification :G01F23/284
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/050903
Filing Date :24/01/2011
(87) International Publication No :WO 2012/100814
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WELLE Roland
2)HOFERER Christian

(57) Abstract :
For echo tracking it is important to allocate an echo to an echo track. According to an aspect of the invention the relative sign of the amplitude of the echo in relation to a corresponding amplitude of the transmission signal or the relative phase of the echo in relation to a corresponding phase of the transmission signal are determined and echo allocation is based on the result of this determination.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6246/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PREPARING A CATALYST COMPOSITION FOR OLIGOMERIZATION OF ETHYLENE AND RESPECTIVE CATALYST COMPOSITION PRE FORMATION UNIT

(51) International classification :B01J31/18,B01J31/14,B01J31/02
(31) Priority Document No :11154663.6
(32) Priority Date :16/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/000092
Filing Date :11/01/2012
(87) International Publication No :WO 2012/110174
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)PEULECKE Normen
8)THALLER Christian
9)HARFF Marco
10)PEITZ Stephan
11)MOSA Fuad
12)AL HAZMI Mohammed H.
13)AZAM Shahid

(57) Abstract :
The present invention relates to a method for preparing a catalyst composition for the oligomerization of ethylene and a respective catalyst composition pre formation unit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6365/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COOLING APPARATUS

(51) International classification :B60H1/00,B60H1/32
(31) Priority Document No :2011022821
(32) Priority Date :04/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2012/000120
Filing Date :27/01/2012
(87) International Publication No :WO 2012/104696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)TAKAHASHI Eizo
6)SATO Kousuke

(57) Abstract :
A cooling apparatus (1) that cools an HV appliance heat source (30) includes: a compressor (12) for circulating a coolant; a condenser (14) for condensing the coolant; an expansion valve (16) that decompresses the coolant that has been condensed by the condenser (14); an evaporator (18) for evaporating the coolant that has been decompressed by the expansion valve (16); and a coolant passageway (22) through which the coolant that moves from an outlet of the condenser (14) toward an inlet of the expansion valve (16) flows. The coolant passageway (22) includes a passageway forming portion (26) that forms a portion of the coolant passageway (22). The cooling apparatus (1) further includes a coolant passageway (31 32) that is disposed in parallel with the passageway forming portion (26) and that circulates the coolant via the HV appliance heat source (30).

No. of Pages : 34 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6268/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE AND METHOD FOR OPTICALLY RECORDING THE UNDERBODY OF A VEHICLE

(51) International classification :H04N7/18
(31) Priority Document No :102011003553.2
(32) Priority Date :03/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/074321
Filing Date :30/12/2011
(87) International Publication No :WO 2012/103999
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HOELLMANN Manuel
2)WENDT Axel

(57) Abstract :
The invention relates to a device (6) for optically recording the underbody (4) of a vehicle (2) using at least one camera (8) said device comprising at least two mirrors (10) which are arranged and oriented such that images of a plurality of regions of the underbody (4) of the vehicle (2) can be recorded simultaneously by the camera (8).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6269/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENCODING METHOD ENCODING DEVICE PERIODIC FEATURE AMOUNT DETERMINATION METHOD PERIODIC FEATURE AMOUNT DETERMINATION DEVICE PROGRAM AND RECORDING MEDIUM

(51) International classification :G10L19/02
(31) Priority Document No :2011013426
(32) Priority Date :25/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050970
Filing Date :18/01/2012
(87) International Publication No :WO 2012/102149
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)KAMAMOTO Yutaka

(57) Abstract :
The present invention provides an encoding technique im- proving the quality of acoustic signals b y low-bit encoding with low com plexity. This encoding technique includes: interval determination processing that determines an interval (T) o f a sample corresponding t o the periodicity o f an acoustic signal o r an interval o f a sample corresponding t o the in tegral multiple o f the basic frequency o f the acoustic signal for each o f frames from among aggregation (S) o f candidates for the interval (T); and auxiliary information generation processing that encodes the interval d e termined b y the interval determination processing t o obtain auxiliary inform ation. The interval determination processing determines the interval (T) by defining, as the aggregation (S), aggregation configured by (Y) number of candidates (where Y<Z) b y (Z2) number of candidates (where Z2<Z) selected independent of candidates targeted for the interval determination step in past frames only for a predetermined number of frames, and candidates targeted for the interval determination processing in the past frames only for the pre determined number o f frames, among (Z) number of candidates for the interval (T) representable with the auxiliary information.

No. of Pages : 95 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6270/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELEVATOR CAR MOVEMENT CONTROL IN A LANDING ZONE

(51) International classification :B66B1/36,B66B1/32,B66B1/40
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/026408
Filing Date :28/02/2011
(87) International Publication No :WO 2012/118473
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)STRICKER Gregor
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6)HERKEL Peter
7)LEACH Robert Bryan
8)BONATRE Guillaume
9)BONIFACE Fabrice
10)GOURJEANDE Stephane

(57) Abstract :
An exemplary method is useful for controlling movement of an elevator car in an elevator system that includes a machine that selectively moves the elevator car and a machine brake that selectively resists movement of the elevator car. The method includes determining whether the elevator car is near a landing and determining whether a door of the elevator car is open. A desired operation includes desired movement of the elevator car while the elevator car is near the landing and the door is open. A determination is made whether the elevator car moves other than according to the desired movement. The machine brake is applied for stopping movement of the elevator car responsive to elevator car movement other than the desired movement while the elevator car is near the landing and the door is open.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6271/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SMALL INTERFERING RNAS WITH TARGET SPECIFIC SEED SEQUENCES

(51) International classification :A01H5/00,C40B30/06
(31) Priority Document No :61/442765
(32) Priority Date :14/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025004
Filing Date :14/02/2012
(87) International Publication No :WO 2012/112512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SCHWEINER Michael

(57) Abstract :
Disclosed are methods for design and synthesis of siRNA libraries siRNA libraries produced thereby siRNA molecules and uses thereof.

No. of Pages : 117 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6382/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IRON BASED SINTERED ALLOY VALVE SEAT

(51) International classification :F01L3/02,B22F1/00,B22F5/00
(31) Priority Document No :2011009719
(32) Priority Date :20/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051191
Filing Date :20/01/2012
(87) International Publication No :WO 2012/099239
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HENMI Hiroji
3)SHIKANAI Syuuichi

(57) Abstract :
A valve seat of an iron-based sintered alloy having high wear resistance in a wide temperature range, which can be used in direct injection engines with improved fuel efficiency, low emission and high power, is obtained by limiting the amount of a solid lubricant dispersed in the matrix of the valve seat of an iron-based sintered alloy, and dispersing at least two types of hard particles having different hardnesses in the matrix, thereby providing high strength and self-lubrication, as well as improved wear resistance under no lubrication in a wide temperature range.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6267/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIPER BLADE AND END CAP

(51) International classification :B60S1/38
(31) Priority Document No :20 2011 003 000.8
(32) Priority Date :22/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050227
Filing Date :09/01/2012
(87) International Publication No :WO 2012/113586
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DE BLOCK Peter

(57) Abstract :
The invention relates to a wiper blade (10) in a flat bar construction having a rubber elastic wiper strip (14) in the lateral longitudinal grooves (24) of which two band shaped spring rails (28) which extend next to each other in a parallel manner and which are bent concavely toward a wiper lip (16) are inserted as support elements which protrude laterally out of the longitudinal grooves (24) and which are held together and attached to each other at the ends thereof by end caps (36) which on the longitudinal sides thereof have guide profiles (44) having a u shaped cross section the side jaws (46 48 60) of which are guided on the portions of the associated spring rail (28) which protrude out of the longitudinal grooves (24) wherein the end caps (36) comprise spring tongues having engagement lugs (50 62) which engage in recesses (30) of the spring rails (28) and attach same in the assembly direction (52). According to the invention one of the side jaws (46 48 60) of each guide profile (44) is designed to be at least partially elastic and is used as spring tongue and the engagement lug (50 62) is molded on the yielding portion of the side jaw (46 48 60) wherein the height of said engagement lug decreases in the assembly direction (52) and thus forms a striking bevel (54) while the engagement lug (50 62) drops off steeply in the opposite direction..

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6410/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WDM PON WITH NON TUNABLE LEGACY ONUS

(51) International classification :H04J14/02,H01S5/00
(31) Priority Document No :11290084.0
(32) Priority Date :11/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/051520
Filing Date :31/01/2012
(87) International Publication No :WO 2012/107321
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PFEIFFER Thomas
3)HERON Ronald

(57) Abstract :
The present document relates to optical transmission systems. In particular the present document relates to a system and method enabling the coexistence of tunable and non tunable Optical Network Units (ONUs) in a passive optical network (PON) e.g. a wavelength division multiplexing (WDM) PON. A media access controller for a passive optical network (200) is described. The passive optical network (200) comprises a first optical line terminal (201) with a receiver for a first wavelength range; a second optical line terminal (202) with a receiver for a second wavelength range adjacent to the first wavelength range; and an optical network unit (101) with a transmitter having a transmitter wavelength which drifts between the first and the second wavelength range. The media access controller is adapted to assign the optical network unit (101) to the first (201) and the second (202) optical line terminal such that an optical burst transmitted by the optical network unit (101) is received by the first optical line terminal (201) and the second optical line terminal (202).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6411/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMPROVED MOISTURISER BLEND

(51) International classification :A61K8/02
(31) Priority Document No :1101990.8
(32) Priority Date :05/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050146
Filing Date :24/01/2012
(87) International Publication No :WO 2012/104604
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OAKLEY Michael Andrew
3)CHAVAN Bhaven

(57) Abstract :
A blend for use in a personal care composition is described. The blend comprises a dialkyl amphiphilic component and an ester of a long chain branched fatty acid and a long chain branched alcohol. The blend can be pastillated and/or flaked and can be used as the oil phase of an oil in water emulsion. The blend is particularly useful in a moisturiser composition for moisturising skin.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6412/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONCRETE PUMP TRUCK AND VIBRATION REDUCTION APPARATUS AND METHOD FOR CONCRETE PUMP TRUCK MOUNTED BOOM

(51) International classification	:F04B15/02,F16F15/027,E04G21/04
(31) Priority Document No	:201110006149.7
(32) Priority Date	:12/01/2011
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2011/078638 :19/08/2011
(87) International Publication No	:WO 2012/094893
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)LI Kuifang
3)WANG Shuai

(57) Abstract :
The present invention discloses a concrete pump truck and an apparatus and a method for reducing the vibration of a boom of the concrete pump truck. The apparatus for reducing the vibration of the boom of the concrete pump truck comprises: a vibration reduction control unit (11), which is connected with an electromagnetic proportional valve (12) connected with boom cylinder (2), a boom terminal vibration monitoring unit (21), which is used for monitoring a amplitude parameter of the tail boom section (14) of the boom (13) and transmitting an amplitude parameter signal to the vibration reduction control unit (11), and a boom posture monitoring unit (20) which is used for monitoring an angle parameter of the boom (13) and transmitting an angle parameter signal to the vibration reduction control unit (11). The concrete pump truck of the present invention further comprises the apparatus for reducing the vibration of the boom of the concrete pump truck. The method for reducing the vibration of the boom of the concrete pump truck provided by the present invention comprises the following steps: monitoring the operating parameters of a concrete pump and the boom (13); generating a control signal according to the monitored operating parameters, outputting an control current of an electromagnetic proportional valve (12) according to the control signal, and controlling the piston positions of the boom cylinder (2); wherein the monitored operating parameters of the boom (13) comprise a vibration amplitude parameter of the tail boom section (14) and an angle parameter of the boom (13). 17

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6255/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APOLIPOPROTEIN AIV AS AN ANTIDIABETIC PEPTIDE

(51) International classification :A61K38/17,C07K14/775,A61P3/10
(31) Priority Document No :61/434196
(32) Priority Date :19/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021802
Filing Date :19/01/2012
(87) International Publication No :WO 2012/100010
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WOODS Stephen
4)WANG Fei

(57) Abstract :
Methods for treating type two diabetes mellitus in a subject in need thereof and pharmaceutical compositions for the treatment of type two diabetes mellitus are disclosed. The methods include administering an effective amount of apolipoprotein A IV to the subject. The pharmaceutical composition includes apolipoprotein A IV formulated for administration to a subject for the treatment of type two diabetes mellitus. Also disclosed are methods for substantially restoring glucose tolerance in a subject in need thereof to a normal level and methods for lowering blood glucose levels in a subject in need thereof.

No. of Pages : 52 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6400/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DETERMINING ACTIVE REAL OBJECTS FOR RUNNING A SOFTWARE APPLICATION

(51) International classification :H04L29/08,H04W4/02,H04L12/28
(31) Priority Document No :1151105
(32) Priority Date :11/02/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/052200
Filing Date :09/02/2012
(87) International Publication No :WO 2012/107517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MIVIELLE Cdric

(57) Abstract :
A communication terminal (T) equipped with a means of processing (TRT) designed to allow the use of software applications and equipped with an interface (INT) for communicating with a communication network (N) said means of processing comprising at least: A first module (MZG) designed to delimit a geographical zone (ZG) based on a curve described in space by the communication terminal A second module (MOR) designed to determine a set of active real objects (O1 02) located in this zone and having an interface (Int1 lnt2) with the communication network A third module (MIA) designed to identify an application in relation to the active real objects A fourth module (MDA) designed to interface the application with the previously determined active real objects.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6401/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NANOPARTICLES LOADED WITH CHEMOTHERAPEUTIC ANTITUMORAL DRUG

(51) International classification :A61K47/48,A61K49/18,A61K9/51
(31) Priority Document No :11305364.9
(32) Priority Date :31/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055756
Filing Date :30/03/2012
(87) International Publication No :WO 2012/131018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)LEBEL BINAY Sophie
3)POLARD Valrie

(57) Abstract :
The invention relates to new therapeutic approaches for treating cancer in particular hepatocellular carcinoma with Nanoparticules loaded with a chemotherapeutic antitumoral agent. In particular it relates to the treatment of cancer by administration of said Nanoparticules by intravenous infusion for at least 2 hours in order to prevent toxicological side effects and increase the benefit/risk ratio of the treatment.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6404/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PREPARATION OF A 1 AMINO 3 HYDROXY CYCLOBUTANE 1 CARBOXYLIC ACID DERIVATIVE

(51) International classification :C07C229/48,C07C227/16
(31) Priority Document No :61/450177
(32) Priority Date :08/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/053867
Filing Date :07/03/2012
(87) International Publication No :WO 2012/120025
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FAIRWAY Steven Michael
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(57) Abstract :
The invention relates to a process for preparation of radiopharmaceutical precursors and in particular protected amino acid derivatives which are used as precursors for production of radiolabelled amino acids for use in imaging procedures such as positron emission tomography (PET). Particularly the invention relates to a process for preparation of a precursor of the [F] 1 amino 3 fluorocyclobutanecarboxylic acid ([F] FACBC) PET agent ensuring that the reaction efficiently goes to completion.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6405/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DISPLAY DEVICE

(51) International classification :G09F13/18,B60K37/04
(31) Priority Document No :2010291428
(32) Priority Date :28/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/075772
Filing Date :09/11/2011
(87) International Publication No :WO 2012/090591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YABESadao

(57) Abstract :
A display device is provided in which all indicators can be illuminated with substantially uniform brightness irrespective of the distance of the indicators from the light source or the positional relationship of the indicators. A light guide (11) guides light emitted from a light source (20). A design display (12) has a light emitter (122) for emitting light. A low-refractive-index portion (14a) having a lower light refraction index than the light guide (11) is installed between the light guide (11) and the design display (12). A light-diffusing portion (13) is formed in the light guide (11), and light guided by the light guide (11) is diffused. A display light adjuster (15) for changing the emission efficiency is provided at least inside a region corresponding to the light emitter (122).

No. of Pages : 21 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/09/2012

(21) Application No.3024/DEL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NANOSTRUCTURED SHEETS OF BISMUTH ANTIMONY AND TELLURIDE NANOPARTICLES WITH HIGH FIGURES OF MERIT (ZT)

(51) International classification :C22C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Arup Puryakastha
2)Jayaprakash Khanderi
3)Joshi Purushottam

(57) Abstract :
According to various aspects exemplary embodiments are disclosed of nanostructured sheets of bismuth antimony telluride nanoparticles having high dimensionless figures of merit (ZT) and thermoelectric modules including the same. In an exemplary embodiment a thermoelectric material generally includes a nanostructured sheet of bismuth antimony telluride nanoparticles. The thermoelectric material has a dimensionless figure of merit (ZT) of at least 2 at a room temperature of 300 Kelvin and/or a Seebeck coefficient of at least 276 microvolts per Kelvin (μV/K).

No. of Pages : 30 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/07/2013

(21) Application No.6100/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TURBINE STEAM SUPPLY CIRCUIT

(51) International classification :F02C1/05,F01D15/10,F01D1/02
(31) Priority Document No :1060338
(32) Priority Date :10/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/EP2011/071866
Filing Date :06/12/2011
(87) International Publication No :WO 2012/076501
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
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(72)**Name of Inventor :**
1)JOURDAIN Vincent
2)VIOLA Bernard
3)MILET Damien

(57) Abstract :
The technical field of the invention is steam turbines including a steam feed circuit based on a functional steam generator set that may be nuclear- or fossil-fuel powered, and in particular a steam feed circuit (1) of a turbine (2), comprising n main steam lines (3) and n steam admission lines (4) to the turbine, the number n of steam admission lines (4) to the turbine being strictly greater than the number n of main steam lines (3), characterized in that there are n direct steam admission lines (5) to the turbine linking the n main steam lines (3) directly to the steam admission lines (4) to the turbine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6422/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BURNER COMBUSTION METHOD

(51) International classification :F23C99/00,F23C6/04,F23C15/00
(31) Priority Document No :2011014080
(32) Priority Date :26/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051209
Filing Date :20/01/2012
(87) International Publication No :WO 2012/102206
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HANEJI Tomoyuki
2)IINO Kimio
3)YAMAMOTO Yasuyuki
4)HAGIHARA Yoshiyuki

(57) Abstract :
The present invention provides a burner combustion method for performing combustion by supplying an oxidant stream and a fuel stream, wherein the oxidant stream is produced from a primary oxidant stream jetted around the fuel stream or near the fuel stream and a plurality of secondary oxidant streams, and the combustion state i s brought into a periodic vibrational state b y periodically changing the flow rate o f the primary oxidant stream and/or the flow rate o f the plurality o f secondary oxidant streams, periodically changing the concentration of oxygen in the oxidant stream, periodically changing the oxygen ratio obtained by dividing a supplied oxygen amount supplied by the oxidant stream by a theoretically required oxygen amount, and providing a difference between the periodic changes o f the oxygen concentration and the oxygen ratio.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6423/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR MAKING PET FOOD

(51) International classification :A23K1/00,A23P1/08
(31) Priority Document No :61/434506
(32) Priority Date :20/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021212
Filing Date :13/01/2012
(87) International Publication No :WO 2012/099786
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CORRIGAN Patrick Joseph

(57) Abstract :
A process to coat a food product. The process can include providing a food product; providing a vibrating conveyor wherein the vibrating conveyor includes an enclosed channel and wherein the vibrating conveyor has an inlet and an outlet; feeding the food product into the inlet of the vibrating conveyor; operating the vibrating conveyor at a Peclet number of greater than about 6 at a dimensionless acceleration number of greater than about 1 and a vertical amplitude of vibration of greater than about 3mm; feeding a coating material into the vibrating conveyor such that the food product is coated with the coating material as it moves from the inlet to the outlet.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6424/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTOMATIC CHILI PEPPER STIRRING APPARATUS

(51) International classification :A23L3/40,A23B7/02,B01F7/04
(31) Priority Document No :1020100131627
(32) Priority Date :21/12/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/009852
Filing Date :20/12/2011
(87) International Publication No :WO 2012/087001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)KIM Ki Dong
3)HWANG Boo Won

(57) Abstract :
An automatic chili pepper stirring apparatus according to an embodiment of the present invention comprises: a moving unit movably arranged in a greenhouse in which chili peppers are laid out; a stirring unit which is coupled to the moving unit such that the stirring unit is rotatable by a shaft and which stirs chili peppers by the rotating operation; and a control unit which controls the moving speed of the moving unit or the rotating speed of the stirring unit. According to the embodiment of the present invention, chili peppers in the greenhouse may be automatically stirred to reduce consumption of labor, shorten drying time of the chili peppers, improve drying uniformity of chili peppers and quality and production of chili peppers.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6346/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHODS FOR MONITORING COMPONENT HEALTH IN A GEARBOX OF A POWER GENERATION SYSTEM

(51) International classification	:F03D11/02,G01M13/02,F03D11/00
(31) Priority Document No	:12/971480
(32) Priority Date	:17/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/DK2011/050497 :19/12/2011
(87) International Publication No	:WO 2012/079594
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)ONG Jium Keat

(57) Abstract :
Apparatus and methods for monitoring component health in a gearbox of a power generation system. A gearbox has a gear set with relatively movable components an armature attached to one of these components and a magnet attached to another of these components. The armature is subjected to a changing magnetic field from the magnet that generates electrical energy. An electrical device for monitoring component health is inside the gearbox and is powered by the electrical energy received from the armature.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6348/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APEX INTERNAL MOUNTING ARRANGEMENT FOR A V CONFIGURATION TORQUE ROD

(51) International classification :B60G7/00,B60G7/02
(31) Priority Document No :13/021797
(32) Priority Date :07/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021643
Filing Date :18/01/2012
(87) International Publication No :WO 2012/108983
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)McGILL Kenneth A.
3)CERRI Joseph F. III
4)BUTLER Russell E.

(57) Abstract :
A V shaped torque rod includes an apex joint assembly that is attached to a component of a vehicle using only a single fastener. The apex joint assembly includes a housing an inner metal an elastomeric member disposed between the housing and the inner metal and a post that engages the inner metal. The single fastener extends through the inner metal and through the post to secure the apex joint assembly to the vehicle. The post can be a tapered post or the post can be a non tapered post.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6349/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIPER BLADE FOR CLEANING PANES IN PARTICULAR OF MOTOR VEHICLES

(51) International classification :B60S1/38,B23K33/00
(31) Priority Document No :102011004629.1
(32) Priority Date :24/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052704
Filing Date :16/02/2012
(87) International Publication No :WO 2012/113710
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)WEIDLICH Jochen

(57) Abstract :
The invention relates to a wiper blade (10) and to a method for producing a wiper blade (10) for wiping panes, in particular motor vehicle panes, comprising a support element (12) for receiving a wiper strip (14), to which a connecting device (20) is attached, which has a wiper blade-side part (15) having claw-like receptacles (34, 36) surrounding the support element (12) at least in some regions. According to the invention, the connecting device comprises passages and/or openings which allow a weld connection or can receive melt flow.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6429/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BINDERLESS ZEOLITIC ADSORBENTS METHODS FOR PRODUCING BINDERLESS ZEOLITIC ADSORBENTS AND ADSORPTIVE SEPARATION PROCESSES USING THE BINDERLESS ZEOLITIC ADSORBENTS

(51) International classification	:B01J20/18,C01B39/18,C01B39/02
(31) Priority Document No	:61/469879
(32) Priority Date	:31/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/030238 :23/03/2012
(87) International Publication No	:WO 2012/134973
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)CHENG Linda S.

(57) Abstract :
Binderless BaKX zeolitic adsorbents methods for their production and adsorptive separation using the adsorbents are provided. An adsorbent comprises a first Zeolite X having a silica to alumina molar ratio of from 2.0 to 3.0; a binder converted Zeolite X wherein a ratio of the binder converted Zeolite X to the first Zeolite X ranges from 10 : 90 to 20 : 80 by weight; and barium and potassium at cationic exchangeable sites within the binderless BaKX zeolitic adsorbent. Potassium ranges from 0.9 wt% to 1.5 wt% and barium ranges from 30 wt% to 34 wt% of the binderless BaKX zeolitic adsorbent.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6430/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR SEPARATING PARTICULATE SOLIDS FROM A GAS STREAM

(51) International classification :B04C5/24,B04C5/185,B04C5/08
(31) Priority Document No :13/018510
(32) Priority Date :01/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022292
Filing Date :24/01/2012
(87) International Publication No :WO 2012/106139
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PALMAS Paolo
3)JOHNSON II Richard A.

(57) Abstract :
One exemplary embodiment can be a process for separating particulate solids from a gas stream. The process can include regenerating a catalyst in a regenerator separating particulate solids in first and second cyclone stages passing the gas stream from the second cyclone stage to an external third stage separator and passing the gas stream from the external third stage separator to a cyclone recirculator to obtain a clean gas stream.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6432/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR CATALYTIC CRACKING NAPHTHA COUPLED WITH METHANOL USING MODIFIED ZSM 5 MOLECULAR SIEVE CATALYST

(51) International classification :C07C11/04,C07C11/06,C07C11/08
(31) Priority Document No :201010607910.8
(32) Priority Date :28/12/2010
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/076298
Filing Date :24/06/2011
(87) International Publication No :WO 2012/088852
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)LI Bing
7)WANG Xiangao
8)HE Changqing
9)SUN Xinde

(57) Abstract :
Provided is a process for catalytic cracking naphtha coupled with methanol using a modified ZSM-5 molecular sieve catalyst. Said process includes co feeding methanol with naphtha to react on the modified ZSM-5 molecular sieve catalyst for producing low carbon alkene and/or aromatic hydrocarbon. In said process said modified ZSM-5 molecular sieve catalyst includes 25-80 wt. % ZSM-5 molecular sieve 15-70 wt. % an agglomerant and 2.2-6.0 wt. % lanthanum as well as 1.0-2.8 wt. % phosphorus carried on said ZSM-5 molecular sieve. In said naphtha saturated linear alkanes are 63.8-89.5 wt. % and cycloalkane are 5.6- 29.8 wt. %. Naphtha and methanol simultaneously pass through a catalyst bed and contact with the catalyst to react under the following reaction conditions: the reaction temperature is 550-670 the mass ratio of methanol to naphtha is 0.05-0.8 and the total mass space speed of naphtha and methanol is 1.0- 5h.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6350/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TIME AND POWER BASED WIRELESS LOCATION SYSTEM

(51) International classification :H04W24/00
(31) Priority Document No :12/980116
(32) Priority Date :28/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064032
Filing Date :08/12/2011
(87) International Publication No :WO 2012/091877
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MIA Rashidus S.
4)BOYER Pete A.

(57) Abstract :
Disclosed is a method for processing readily available radio network timing and power information about cellular networks and typical measurements made by the mobile device and network. A probabilistic method is disclosed that uses both time (i.e. range) and power differences with known downlink transmitter antenna characteristics to locate mobiles with accuracy better than cell ID with ranging with high capacity and without the need for field calibration.

No. of Pages : 51 No. of Claims : 106

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6351/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLUID CLARIFIER AND METHOD FOR CLARIFYING A FLUID

(51) International classification :B01D21/08,C02F1/24,C02F1/52
(31) Priority Document No :10513687
(32) Priority Date :22/12/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/051584
Filing Date :22/12/2011
(87) International Publication No :WO 2012/087239
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ANTELME Luc

(57) Abstract :
Liquid clarifier and method for clarifying liquid comprising a liquid reactor which comprises an cylindrical tank having an upper vertical section and a lower tapered section an inner cylinder extending along at least part of the upper section of the tank and an outlet for clarified liquid at the top of the tank where the liquid clarifier further comprises a gas compressor adapted to inject compressed gas into the lower region of the cylinder and an inlet for an unclear liquid at the upper region of the cylinder and at least one partition wall inside the cylinder where the at least one partition wall create flow channels in the lower region of the inner chamber where the compressed gas is adapted to be injected through gas inlets in flow channel/s in order to create an upward flow in the flow channel/s having gas inlets which will create a downward flow in the flow channel/s without gas inlets where the at least one partition wall extends out of the lower region of the cylinder. The advantage of the invention is that different kinds of liquids can be clarified in an efficient and fast way without the need of specific additives.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6352/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROBUST DOWNLINK FRAME SYNCHRONIZATION SCHEMES IN CDMA WIRELESS NETWORKS FOR GEO LOCATION

(51) International classification :H04B7/212
(31) Priority Document No :12/980098
(32) Priority Date :28/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063420
Filing Date :06/12/2011
(87) International Publication No :WO 2012/091855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BULL Jeffrey F.
2)ANDERSON Robert J.

(57) Abstract :
A wireless location system is configured to operate in a CDMA based wireless communication network. In exemplary embodiments location measuring units (LMUs) can synchronize to sectors of base stations and store sector timing information. In response to a request to geo locate a mobile device communicating with a sector sector timing information for the servicing sector is sent to other LMUs and the LMUs can use the sector timing information to detect uplink signals transmitted by the mobile device. The location of the mobile device can then be estimated based on time of arrival measurements made by the LMUs.

No. of Pages : 40 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6353/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR MEDICAL USE OF MOTION IMAGING AND CAPTURE

(51) International classification :A61B5/11,A61H5/00,G06T7/20
(31) Priority Document No :61/436074
(32) Priority Date :25/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/EP2012/050994
Filing Date :23/01/2012
(87) International Publication No :WO 2012/101093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VARAKLIS John
2)SMITH Craig

(57) Abstract :
A motion sensing and capture system to provide to a patient and/or healthcare provider patient motion data and/or motion impairment data which can be used as a diagnostic predictive or therapeutic tool. Such method comprises the steps of: (a) selecting one or more patient motions; (b) using a sensing and capture system to image an initial set comprising the one or more motions to provide an initial set of motion data; and (c) conveying such initial set of motion data to a patient and/or healthcare provider.

No. of Pages : 45 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6354/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SHAPED OR UNSHAPED REFRACTORY OR KILN FURNITURE COMPOSITION

(51) International classification :C04B35/101,C04B35/18,C04B35/185
(31) Priority Document No :11002291.0
(32) Priority Date :21/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054900
Filing Date :20/03/2012
(87) International Publication No :WO 2012/126906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)XIONG Xiaoyong
2)WEISSENBACHER Michael

(57) Abstract :
The present invention relates to a refractory composition comprising 70 weight percent to 98 weight percent particulate refractory material and 2 weight percent to 30 weight percent of a binder phase comprising reactive filler and a binder said binder phase substantially comprises solely reactive andalusite as reactive filler.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6342/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STABILIZED ULTRA HIGH MOLECULAR WEIGHT POLYOLEFIN FIBER

(51) International classification	:D06M13/13,D06M13/224,D06M13/352
(31) Priority Document No	:11152724.8
(32) Priority Date	:31/01/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/051560 :31/01/2012
(87) International Publication No	:WO 2012/104302
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)GIJSMAN Pieter
2)VLASBLOM Martin Pieter
3)ABEN Gerardus
4)SCHNEIDERS Hans

(57) Abstract :
The present invention provides an ultrahigh molecular weight polyolefin fiber coated with a coating composition wherein the coating composition contains a UV stabilizer characterized in that the amount of UV stabilizer is between 2 wt% and 80 wt.% compared to the total weight of the coating composition based on solids. The UV absorber can be selected from the group consisting of hydroxybenzophenones hydroxyphenylbenzotriazoles oxalanilides phenyl
esters benzooxazinones cyanoacrylates formamidine benzylidene malonates and hydroxyphenyl triazines and combinations thereof. Such fibers are particularly useful in ropes and fishing nets.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6343/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EXTRUSION PROCESS FOR PROPPANT PRODUCTION

(51) International classification :B28B3/20,B28B3/22,C03B17/00
(31) Priority Document No :61/435938
(32) Priority Date :25/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022147
Filing Date :23/01/2012
(87) International Publication No :WO 2012/102982
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WU Shanghua
3)XIE Yuming
4)COKER Christopher F.
5)SKALA Robert D.

(57) Abstract :
An extrusion method and apparatus are described for producing ceramics glass glass ceramics or composites suitable for use as proppants. The method includes forming one or more green body materials extruding the green body materials to form a green body extrudate separating and shaping the green body extrudate into individual green bodies and sintering the green bodies to form proppants. The apparatus includes a means for forming an intimate mixture of green body materials means to produce a green body extrudate means for separating and shaping the green body extrudate into individual green bodies and means to sinter the green green bodies to form proppants.

No. of Pages : 62 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6344/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITE MEMBRANES FOR MEMBRANE DISTILLATION AND RELATED METHODS OF MANUFACTURE

(51) International classification :B01D69/12,B01D67/00,B01D71/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CA2011/000093
Filing Date :24/01/2011
(87) International Publication No :WO 2012/100318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)QTAISHAT Mohd Rasool
2)MATSUURA Takeshi
3)KHAYET Mohamed

(57) Abstract :
The present invention provides composite membranes for membrane distillation and related methods of manufacture. In particular there is provided a composite hydrophilic/hydrophobic membrane comprising a hydrophilic polymer layer and a hydrophobic polymer layer comprising fluorinated surface modifying macromolecules wherein said composite membrane has a high vapour flux. There is also provided methods of manufacturing and optimizing the composite membranes and a membrane distillation system comprising the composite membranes.

No. of Pages : 126 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6345/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITE MIXED MATRIX MEMBRANES FOR MEMBRANE DISTILLATION AND RELATED METHODS OF MANUFACTURE

(51) International classification	:B01D69/12,B01D67/00,B01D71/06
(31) Priority Document No	:PCT/CA2011/000093
(32) Priority Date	:24/01/2011
(33) Name of priority country	:Canada
(86) International Application No Filing Date	:PCT/CA2012/000045 :19/01/2012
(87) International Publication No	:WO 2012/100326
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
The present invention relates to a membrane distillation system comprising a flat sheet composite mixed matrix hydrophilic/hydrophobic membrane having at least a hydrophilic layer and a hydrophobic layer. The hydrophilic layer comprises a hydrophilic polymer and inorganic nanoparticles having high thermal conductivity. The hydrophobic layer comprises fluorinated surface modifying macromolecules (SMM). Also disclosed is a phase inversion method for manufacturing the membrane.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6442/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A THIONATION PROCESS AND A THIONATING AGENT

(51) International classification :C07B45/00,C01B25/14,C07D213/06
(31) Priority Document No :11153421.0
(32) Priority Date :04/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/051864
Filing Date :03/02/2012
(87) International Publication No :WO 2012/104415
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HASIMBEGOVIC Vedran
3)SVENSSON Per H.
4)BERGMAN Jan

(57) Abstract :
A process for transforming a group >C=O (I) in a compound into a group >C=S (II) or into a tautomeric form of group (II) in a reaction giving a thionated reaction product by use of crystalline PS·2 CHN as a thionating agent. A thionating agent which is crystalline PS·2 CHN A process for transforming a group >C=0 (I) in a compound into a group >C=S (II) or into a tautomeric form of group (II) in a reaction giving a thionated reaction product, by use of crystalline P 2S5 2 C5H5N as a thionating agent. A thionating agent which is crystalline P2S5 2 C5H5N

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6358/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ASSEMBLIES FOR A STRUCTURE

(51) International classification :E06B3/54
(31) Priority Document No :61/436521
(32) Priority Date :26/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022381
Filing Date :24/01/2012
(87) International Publication No :WO 2012/103102
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CARBARY Lawrence Donald
2)CLIFT Charles Dunaway

(57) Abstract :
An assembly for a structure comprises a support and a panel. The panel may be a glass panel. The assembly further comprises a structural adhesive which couples the panel to the support. The structural adhesive may comprise a silicone. The structural adhesive has a first coupling surface facing the support and a second coupling surface spaced from the first coupling surface and facing the interior surface of the panel. The structural adhesive has a substantially right trapezoidal cross section which is oriented in a certain direction relative to the panel and the support. The first coupling surface is sloped relative to the second coupling surface of the structural adhesive thereby reducing stress in the assembly due to environmental load subjected on the structure such as wind load. Other supports and assemblies are also provided. The assembly may be used to form curtain walls window walls skylights etc.

No. of Pages : 43 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6362/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FOAM CONTROL COMPOSITION

(51) International classification :C11D3/00,C11D3/37,C11D3/12
(31) Priority Document No :1102750.5
(32) Priority Date :16/02/2011
(33) Name of priority country :U.K.
(86) International Application No:PCT/US2012/025474
Filing Date :16/02/2012
(87) International Publication No :WO 2012/134651
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GALLEZ Laurence
3)GUETTE Mathilde
4)LECOMTE Jean paul

(57) Abstract :
A process for washing a substrate. The process involves providing a detergent composition that includes a surfactant and an antifoam. The antifoam comprises a hydrophobic fluid having a surface tension of at least 27 mN/m and less than 40 mN/m and a finely divided solid hydrophobic filler dispersed in the hydrophobic fluid. The process further involves washing the substrate in an aqueous medium with the detergent composition. The antifoam does not affect foaming during the washing step. During the washing step the detergent composition is applied to the substrate. The process further involves rinsing the substrate with the applied detergent composition with water whereby foaming during the rinsing step is inhibited.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6446/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUPPORT MECHANISM FOR THERMAL RECEIVERS IN THE SOLAR TROUGH SYSTEMS

(51) International classification :F24J2/07
(31) Priority Document No :a 2011/01718
(32) Priority Date :22/02/2011
(33) Name of priority country :Turkey
(86) International Application No :PCT/EP2011/073114
Filing Date :16/12/2011
(87) International Publication No :WO 2012/113478
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CAPAN Rahmi Oguz

(57) Abstract :
A solar trough system of the invention comprises at least one trough shaped reflector surface (1) directing beams coming from the sun to the focal axis (F); at least one thermal receiver (2) disposed at the focal axis (F) and extending along the reflector (1). Furthermore the system comprises at least one first arm (L1) and a second arm (L2) one end of each of which are connected to two fixed points (P1 P2) with swivel joint; at least 10 one third arm (L3) which is connected to the other ends of these two arms (L L2) from two points (P3 P4) with swivel joint wherein the thermal receiver (2) is connected with swivel joint to a linear movement point (E1) on the third arm (L3) which moves with rotation of the first and second arms (L1 L2).

No. of Pages : 15 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6447/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOFTWARE ROTATABLE DISPLAY

(51) International classification :G05B19/042,G05B19/418
(31) Priority Document No :13/048519
(32) Priority Date :15/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029224
Filing Date :15/03/2012
(87) International Publication No :WO 2012/125826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NORDLUND Kristopher Ethan

(57) Abstract :
An industrial process transmitter includes a transducer positioned to interact with an industrial process display circuitry that displays a visual output to an operator and control circuitry. The display can be selectively modified to provide the visual output at one of a plurality of orientations. The control circuitry is connected to communicate with the transducer and the display circuitry and receive an input regarding the orientation of the industrial process transmitter. In response to received input regarding the orientation of the industrial process transmitter the control circuitry provides instructions to the display circuitry to modify the orientation of the visual output.

No. of Pages : 28 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6366/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PEPTIDES FOR TREATING CANCER

(51) International classification :A61K38/08,C07K7/06
(31) Priority Document No :10196278.5
(32) Priority Date :21/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/073606
Filing Date :21/12/2011
(87) International Publication No :WO 2012/085096
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)COLIN Sylvie

(57) Abstract :
The present invention relates to peptide from 4 to 50 amino acids comprising a phosphorylated pYX1X2X1 motif (SEQ ID NO: 1) wherein each X1 independently is M or Nle and X2 is any amino acid pharmaceutical compositions comprising said peptide and use thereof for treating cancer.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013
(21) Application No.6367/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TEXTILE MACHINE

(51) International classification :D01H11/00,B65H54/70
(31) Priority Document No :2010283069
(32) Priority Date :20/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/005971
Filing Date :26/10/2011
(87) International Publication No :WO 2012/086113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAKEUCHI Hidetoshi

(57) Abstract :
A spinning machine (textile machine) comprises: spinning units; secondary ducts (32); secondary blowers (31); filter members (33); discharge ports (62); a concentration duct (36); and a concentration blower. The secondary ducts (32) are arranged with intervals of a predetermined number of spinning units and wastes to be removed (81) are blown through the secondary ducts (32). The secondary blowers (31) generate suction flow (82) in the secondary ducts (32). The suction flow (82) partially passes through the filter members (33). The discharge ports (62) discharge the suction flow (82) which passes through the filter members (33). The concentration duct (36) is connected to the secondary duct (32) and suction flow (82) that has not passed through the filter members (33) and the wastes to be removed (81) flow through the concentration duct (36). The concentration blower generates airflow (83) in the concentration duct (36). The flow rate of the suction flow (82) discharged from one of the discharge ports (62) is higher than that of the suction flow (82) flowing through the concentration duct (36).

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6368/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ORGANOZINC COMPLEXES AND PROCESSES FOR MAKING AND USING THE SAME

(51) International classification :C07F3/06
(31) Priority Document No :61/425824
(32) Priority Date :22/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/073714
Filing Date :21/12/2011
(87) International Publication No :WO 2012/085168
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KNOCHEL Paul
2)BERNHARDT Sebastian
3)MANOLIKAKES Georg

(57) Abstract :
Negishi Processes for making an organozinc reagents are disclosed comprising reacting (A) organomagnesium or organozinc complexes with (B) at least one coordination compound comprising one or more carboxylate groups and/or alcoholate groups and/or tertiary amine groups optionally in combination with zinc ions and/or lithium ions and/or halide ions wherein the halide ions are selected from chloride bromide and iodide the organozinc complex comprises an aryl group a heteroaryl group or a benzyl group when the coordinating compound is a chelating polyamine and the reaction is conducted in the presence of zinc complexed with at least one coordinating compound when reactant (A) comprises at least one organomagnesium complex. The resulting organozinc reagents may optionally be isolated from solvents to obtain a solid reagent. The reagents may be used for making organic compounds via cross coupling reactions or via aldehyde and/or ketone oxidative addition reactions. The organozinc reagents are stable and due to their high selectivity permit maintenance of sensitive functional groups such as aldehydes during cross coupling.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6369/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR SOLVENT PURIFICATION

(51) International classification	:B01D19/00,B01D15/00,B01D33/00
(31) Priority Document No	:61/437465
(32) Priority Date	:28/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/022437 :24/01/2012
(87) International Publication No	:WO 2012/103144
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)HOOD Ronald S.
2)HUGHES Melvin W.

(57) Abstract :
A system and method for filtering solvent including a housing for receiving the solvent and a filtering media where the solvent is moved through the filtering media without using a pump.

No. of Pages : 15 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6450/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE TO PROVIDE ENHANCED FLOSSING BENEFITS

(51) International classification :A61C15/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/023371
Filing Date :01/02/2011
(87) International Publication No :WO 2012/105965
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)KENNEDY Sharon

(57) Abstract :
A dental floss dispenser having a wicking delivery system with a reservoir for storing a solution of oral care ingredients generally in fluid form. The reservoir includes an absorbent wicking porous pad that extends through at least a portion of the floss dispensing device to deliver the solution to the dental floss. When the floss is pulled through the porous pad holding the oral care ingredient(s) the porous pad activates (e.g. coats impregnates saturates) the floss providing the consumer with new benefits such as enhanced deep cleaning new flavors better plaque dissolving capabilities ease of floss use and maneuverability whitening and deposition of therapeutic actives into the gum pockets.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6323/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VIBRATING MICROPLATE BIOSENSING FOR CHARACTERISING PROPERTIES OF BEHAVIOUR BIOLOGICAL CELLS

(51) International classification	:G01N33/487,G01N29/036,G01N29/02
(31) Priority Document No	:1104462.5
(32) Priority Date	:15/03/2011
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2012/050571 :15/03/2012
(87) International Publication No	:WO 2012/123749
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)MA Xianghong
2)GRIFFITHS Helen R

(57) Abstract :
There is described a system for testing a sample. The system comprises a microplate at least one actuator a plurality of mutually spaced sensors and a processor. The microplate has a test portion including an interactive substance. The interactive substance is inherently interactive with a specified test substance. The microplate is arranged such that at least the test portion of the microplate may be brought into contact with the sample. The at least one actuator is operable to vibrate the microplate. The plurality of mutually spaced sensors are coupled to the microplate. Each sensor is operable to provide a respective sensory data time series during vibration of the microplate. The microplate and the sensors are arranged such that the provided sensory data time series are not independent from one another. The processor is operable to receive the sensory data time series from the sensors and to process the received sensory data time series so as to provide information about the test substance in the sample based on the sensed interaction between the test substance and the interactive substance on the test portion of the microplate. A corresponding method of testing a sample is also described.

No. of Pages : 41 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6325/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUSTAINABLE PACKAGING FOR CONSUMER PRODUCTS

(51) International classification :B65D1/00
(31) Priority Document No :13/013302
(32) Priority Date :25/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/060999
Filing Date :16/11/2011
(87) International Publication No :WO 2012/102778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)LAYMAN John Moncrief
6)MCDANIEL John Andrew
7)RAUCKHORST Holly Balsubramanian
8)WATSON Andrew Benjamin
9)BURNS Anthony James
10)DUNPHY Brandon Matthew
11)NELTNER Andrew Eric

(57) Abstract :
Disclosed herein is a sustainable article substantially free of virgin petroleum based compounds that includes a container a cap and a label each made from renewable and/or recycled materials. The article has a shelf life of at least two years and is itself entirely recyclable. The container can include polyethylene polyethylene terephthalate or polypropylene. The cap can include polypropylene or polyethylene. The label can include polyethylene polyethylene terephthalate polypropylene or paper.

No. of Pages : 56 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6326/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOLD TOOL SYSTEM INCLUDING ACTUATION CONFIGURED TO MOVE PLATE ASSEMBLIES ATTACHED WITH VALVE STEM ASSEMBLIES OF RUNNERS

(51) International classification :B29C45/23
(31) Priority Document No :61/437731
(32) Priority Date :31/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020864
Filing Date :11/01/2012
(87) International Publication No :WO 2012/106074
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)PLUMPTON James Osborne

(57) Abstract :
A mold tool system (100) comprising: a first movable plate assembly (102) being configured to attach with a first valve stem assembly (202) of a first runner assembly (200); a second movable plate assembly (104) being configured to attach with a second valve stem assembly (204) of a second runner assembly (201); and a plate actuator assembly (106) being coupled with the first movable plate assembly (102) and with the second movable plate assembly (104) the plate actuator assembly (106) being configured to move the first movable plate assembly (102) and the second movable plate assembly (104) in opposite directions between a valve open position and a valve closed position.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6327/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FEMALE SIDE CONNECTOR

(51) International classification :A61M39/02
(31) Priority Document No :2011008060
(32) Priority Date :18/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072260
Filing Date :28/09/2011
(87) International Publication No :WO 2012/098736
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SOMEYA Minoru
2)IIDA Seiichi

(57) Abstract :
To provide a female-side connector having a lock mechanism which could obtain a favorable fastening force constantly. [Solution] In a female-side connector 10, a central axis 13 of a root 15 in a male screw portion 12 of a female-side lock portion 41 screwing together with a female screw portion 23 of a male-side lock portion 42 in a male-side connector 20 intersects at a predetermined angle relative to a central axis 14 of a thread 16.

No. of Pages : 24 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6328/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLANT DERIVED FLOCCULANT FLOCCULANT MIXTURE METHOD OF FLOCCULATION AND METHOD FOR PREPARING PLANT DERIVED FLOCCULANT

(51) International classification :C02F1/54,C02F1/56
(31) Priority Document No :201110007995.0
(32) Priority Date :14/01/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/070105
Filing Date :06/01/2012
(87) International Publication No :WO 2012/094967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DEXERIALS CORPORATION
(72)**Name of Inventor :**
1)INAGAKI Yasuhito
2)SHIMIZU Kohei
3)HASEGAWA Masato

(57) Abstract :
Disclosed are a plant-derived flocculant and a flocculant mixture having a higher flocculation capacity. The plant-derived flocculant comprises at least one of a dried matter of Corchorus olitorius, a dried matter of Begonia fimbristipula, a dried matter of bananas, and a dried matter of Corchorus capsular is; the plant-derived flocculant has a colloid equivalent of -1.5 mEq/g to.-0.20 mEq/g, and the 2 weight% aqueous solution of the plant-derived flocculant has a viscosity of at least 6.0103Pa-s (6.0 cP). The flocculant mixture of the invention comprises the plant-derived flocculant described above and a . synthetic polymer flocculant having a colloid equivalent of-4.5 mEq/g to -1.2 mEq/g, whose 0.2 weight% aqueous solution has a viscosity of 1.3xlO1 Pa-s to 4x101 Pa-s (130 cP to 400 cP).

No. of Pages : 25 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6273/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BEVERAGE

(51) International classification :A23L1/30,A23L2/52,A23L2/68
(31) Priority Document No :A 37/2011
(32) Priority Date :12/01/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2012/050380
Filing Date :11/01/2012
(87) International Publication No :WO 2012/095461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DAXER Albert

(57) Abstract :
The invention relates to a beverage containing water and at least one combination of the ingredients acetic acid propanoic acid and butanoic acid and additionally the ingredients methylpropanoic acid and/or methylbutanoic acid. The testosterone release or the androgen release in general of a person is naturally increased by means of said beverage.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6274/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GROWTH INHIBITION OF COTTON WITH PENOXSULAM

(51) International classification :A01N43/90,A01N43/82
(31) Priority Document No :61/432699
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021153
Filing Date :13/01/2012
(87) International Publication No :WO 2012/097201
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FISHER Marc L.
2)SORRIBAS AMELA Monica
3)MANN Richard K.

(57) Abstract :
A method of inhibiting the growth or positively impacting the health of cotton which comprises contacting the cotton plant or the locus thereof with a growth regulating amount of penoxsulam. Preferably mixtures are used containing a plant growth regulating amount of the compound along with at least one agriculturally acceptable adjuvant or carrier. Suitable adjuvants or carriers should not be phytotoxic to the cotton particularly at the concentrations employed in applying the compositions for cotton growth regulation and should not react chemically with the compounds or other composition ingredients. Such mixtures can be designed for application directly to cotton or their locus or can be concentrates or formulations that are normally diluted with additional carriers and adjuvants before application. They can be solids such as for example dusts granules water dispersible granules or wettable powders or liquids such as for example emulsifiable concentrates solutions emulsions or suspensions.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6275/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROTATING ELECTRICAL MACHINE WITH SO CALLED DOUBLE HOMOPOLAR STRUCTURE

(51) International classification :H02K19/20,H02K1/14,H02K1/22
(31) Priority Document No :10 60923
(32) Priority Date :21/12/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/053071
Filing Date :20/12/2011
(87) International Publication No :WO 2012/085438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Homopolar electric machine characterized in that its structure is double its rotor and its stator being simultaneously homopolar and in that it comprises a stack of pairs of simple homopolar stators forming monophasing elementary machines or in a reverse version said elementary machines being powered with AC current; the rotor is common to all these stators and is passive that is to say composed completely or partially of ferromagnetic materials.

No. of Pages : 30 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6276/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR DAMPING OF DOMINANT FREQUENCIES IN AN AUDIO SIGNAL

(51) International classification :G10L21/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2011/050306
Filing Date :21/03/2011
(87) International Publication No :WO 2012/128678
(61) 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)
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(72)**Name of Inventor :**
1)SANDGREN Niclas

(57) Abstract :
Method and arrangement in an audio handling entity for damping of dominant frequencies in a time segment of an audio signal. A time segment of an audio signal is obtained and an estimate of the spectral density or spectrum of the time segment is derived. An approximation of the estimate is derived by smoothing the estimate and a frequency mask is derived by inverting the approximation. Frequencies comprised in the audio time segment are then damped based on the frequency mask. The method and arrangement involves no multi band filtering or selection of attack and release times.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6277/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOCAL INTERNET PROTOCOL ACCESS CONNECTION HANDLING DURING CIRCUIT SWITCHED FALLBACK AND HANDOVER

(51) International classification :H04W36/00
(31) Priority Document No :61/432834
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021014
Filing Date :12/01/2012
(87) International Publication No :WO 2012/097115
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)AGHILI Behrouz

(57) Abstract :
A method and apparatus are described for handling local Internet protocol (IP) access (LIPA) connection during circuit switched fallback (CSFB) and handover (HO). One representative method of managing a Local Internet Protocol Access (LIPA) packet data network (PDN) connection to a wireless transmit/receive unit (WTRU) includes performing a switching operation to switch from the LIPA PDN connection to a non LIPA PDN connection for communication to the WTRU; and suspending the LIPA PDN connection in response to the switching operation.

No. of Pages : 72 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6433/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR MICRO CONTACT STAMPING

(51) International classification :G03F7/00,C12M1/32
(31) Priority Document No :13/011734
(32) Priority Date :21/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021214
Filing Date :13/01/2012
(87) International Publication No :WO 2012/099787
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Systems and methods for using stamps to print or mask materials on a substrate service. In one particular embodiment the systems and methods include a microcontacting stamp that has a plurality of rigid posts each having a resilient pad at its distal end. Each post is fitted within an aperture located in a guide plate such that the post may move longitudinally within the guide plate. The guide plate includes a variety of apertures that typically are aligned with the wells of a microtiter plate. The apertures extend typically through the entire thickness of the guide plate. On one side of the guide plate is a resilient member that extends over one or more of the apertures thereby holding the post in place.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6435/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FREE RADICAL POLYMERISATION OF ETHYLENE INITIATED BY ORGANIC PEROXIDES WITH HIGH PRODUCTIVITY

(51) International classification :C08F10/02,C08F2/00
(31) Priority Document No :1151086
(32) Priority Date :10/02/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050270
Filing Date :08/02/2012
(87) International Publication No :WO 2012/107689
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)HUB Serge

(57) Abstract :
The invention relates to a method for manufacturing polyethylene or an ethylene copolymer including a step of free radical polymerisation or copolymerisation of the ethylene at an initiation temperature varying from 150°C to 200°C at a pressure varying from 500 to 3000 bar in the presence of a peroxidic polymerisation initiator selected from among the peroxide compounds of formula (I) in which R1 and R8 are separately a C2 C6 alkyl group; R2 R3 R6 and R7 are separately a C1 C5 alkyl group; and R4 and R5 are separately a C1 C6 alkyl group.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6437/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOBILE COMMUNICATION INTERFACE SYSTEM COMPRISING A MOBILE COMMUNICATION INTERFACE AND METHOD FOR IDENTIFYING DIAGNOSING SERVICING AND REPAIRING A VEHICLE

(51) International classification :G01M17/007
(31) Priority Document No :102011004207.5
(32) Priority Date :16/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050228
Filing Date :09/01/2012
(87) International Publication No :WO 2012/110262
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AMIRPOUR Ramon
3)NOBIS Guenter

(57) Abstract :
The invention relates to a method for identifying, diagnosing, servicing and repairing a vehicle (10) in a Workshop, consisting of the following steps: a mobile communication interface (VCI, 1) is connected to the vehicle (10) and a first vehicle test device (3a) is connected at least to the VCI (1) on a first work Station (42); the identification data is detected for the vehicle (10) using the first vehicle test device (3a) and said identification data for the vehicle (10) in stored in the VCI (1); first tests are carried out on the vehicle (10) using the first vehicle test device (3a) and/or the VCI (1); the first vehicle test device (3a) is separated from the vehicle (10); a second vehicle test device (3b) is connected to the vehicle (10) and the identification data is read out from the o VCI (1) in the second vehicle test device (3b) on a second work Station (43) and second tests are carried out on the vehicle (10) using the second vehicle test device (3b) and/or by connecting the VCI (1) to the vehicle (10).

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6438/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING AN AQUEOUS STABLE CHLORINE DIOXIDE SOLUTION

(51) International classification :B01J3/04,B01J4/02,C01B11/02
(31) Priority Document No :10 2010 055 982.2
(32) Priority Date :23/12/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/006510
Filing Date :22/12/2011
(87) International Publication No :WO 2012/084247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a method for producing an ultrapure, aqueous, long-term- and storagestable, and thus transportable, chlorine dioxide Solution, comprising the Steps of: providing chlorite, providing peroxodisulfate, and combining chlorite and peroxodisulfate in an aqueous System and in a molar ratio of peroxodisulfate to chlorite l&Os2] / [CIO2] of greater than 1, forming the aqueous chlorine dioxide Solution, wherein no additional buffer is added to produce the aqueous chlorine dioxide Solution. The invention further relates to a corresponding chlorine dioxide Solution, to the use of said chlorine dioxide Solution, and to a device for producing the chlorine dioxide Solution.

No. of Pages : 41 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6413/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADDITIONAL ROLLER

(51) International classification :A61G7/08,B62B5/00,A61G5/04
(31) Priority Document No :10 2011 000 817.9
(32) Priority Date :18/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051014
Filing Date :24/01/2012
(87) International Publication No :WO 2012/110283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HOFRICHTER G¼nther

(57) Abstract :
The invention relates to an additional roller having a rigid frame (3) with a drivable wheel (2) which is mounted in the frame (3) and has an axle (12) wherein the wheel (2) together with the frame (3) can be raised or lowered by pivoting relative to a chassis on which the additional roller is to be mounted and a compression spring (13) which is coupled rotatably at one end to the chassis is provided in order in the lowered position to load the wheel (2) in respect of ground contact. In order to provide a simple and effective arrangement of the compression spring with regard to the wheel and the frame accommodating the wheel it is proposed that a transverse connection (6) connecting two frame parts (4 5) in the direction of an axle (12) of the wheel (2) is provided that the compression spring (13) is coupled at the other end to the transverse connection (6) and that the compression spring (13) together with the frame (3) pivots about the chassis mounted pivot point during raising and lowering of the wheel (2).

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6414/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTAINER STORING FREEZE DRIED BIOLOGICAL SAMPLE

(51) International classification :B01L3/00
(31) Priority Document No :1101488.3
(32) Priority Date :28/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/051098
Filing Date :25/01/2012
(87) International Publication No :WO 2012/101150
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TORTORELLA Stevan Paul

(57) Abstract :
Embodiments of the invention relate to a container holding and a method of storing freeze dried biological samples. In particular there is provided a container holding a freeze dried material comprising a biological sample the container comprising a chamber having an upper portion (106) and a lower portion (108) the chamber comprising a wall and the lower portion being fluidly connected to the upper portion such that when liquid is received at the upper portion the received liquid can pass to and accumulate in the lower portion. Further the freeze dried material is located in the lower portion and the container comprises a physical structure in the form of a stop (200 300) protruding inwards from the wall the physical structure being for inhibiting the freeze dried material from moving from the lower portion of the chamber to the upper portion of the chamber. This ensures that the biological sample can be kept in a lower portion of the tube ensuring that when the biological sample is subsequently reconstituted by inserting water substantially all of the biological sample is dissolved.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6415/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GRAIN ORIENTED MAGNETIC STEEL SHEET AND PROCESS FOR MANUFACTURING SAME

(51) International classification :C22C38/00,C21D8/12,C22C38/60
(31) Priority Document No :2011004359
(32) Priority Date :12/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050502
Filing Date :12/01/2012
(87) International Publication No :WO 2012/096350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)USHIGAMI Yoshiyuki
3)MIZUKAMI Kazumi
4)NAKAMURA Shuichi
5)FUJII Norikazu
6)YAMAMOTO Norihiro
7)URAGO Masahide

(57) Abstract :
A grain-oriented electrical steel sheet being a grain-oriented electrical steel sheet containing Si of 0.8 mass% to 7 mass%, Mn of 0.05 mass% to 1 mass%, B of 0.0005 mass% to 0.0080 mass%, Al of 0.025 mass% or less in a content ratio, each content of C, N, S, and Se of 0.005 mass% or less, and a balance being composed of Fe and inevitable impurities and having a glass coating film made of composite oxide mainly composed of forsterite on the steel sheet surface, in which when glow discharge optical emission spectrometry (GDS) to the surface of a secondary coating film formed on the surface of the glass coating film under a predetermined condition is performed, a peak, of B, in emission intensity having a peak position in emission intensity different from a peak position, of Mg, in emission intensity is obtained and the peak position, of B, in emission intensity from the steel sheet surface is deeper than the peak position, of Mg, in emission intensity.

No. of Pages : 124 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6320/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CATALYST USEFUL IN FISHER TROPSCH SYNTHESIS

(51) International classification :C10G2/00,B01J23/889,B01J37/03
(31) Priority Document No :10015923.5
(32) Priority Date :22/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/006374
Filing Date :15/12/2011
(87) International Publication No :WO 2012/084160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KARIM Khalid
2)AL SAYARI Saleh A.

(57) Abstract :
The present invention relates to a catalyst composition comprising cobalt manganese oxide which is modified with lanthanum and/or phosphorus and optionally one or more basic elements selected from the group consisting of alkali metal alkaline earth metal and transition metal. Furthermore a method for preparing said catalyst composition and a process for producing aliphatic and aromatic hydrocarbons by Fischer Tropsch synthesis using said catalyst composition is provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6321/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WINDSHIELD WIPER DEVICE FOR MOTOR VEHICLE

(51) International classification :B60S1/04
(31) Priority Document No :1150358
(32) Priority Date :17/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/050553
Filing Date :16/01/2012
(87) International Publication No :WO 2012/098072
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VALLIERE Jr´me

(57) Abstract :
The invention relates to a windshield wiper device (1) having at least one connection for mounting on the body of a motor vehicle this connection consisting of a fastening element that can be pushed into a receiving opening in the body and comprises a sleeve (4A 4B) made of a deformable material of the rubber type which can be introduced into this opening and has a bore (6) that receives the free end of a fastening finger (5) carried by the windshield wiper device. According to the invention the external cross section of said fastening finger (5) is in the form of a cross and the shape of said bore (6) has a complementary shape the length of the perpendicular branches (5A to 5D) of said cross being at least partially different such as to ensure polarization and mounting of the sleeve on the fastening finger in a precise position in which rotation is prevented.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.6723/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CAMERA ASSEMBLY FOR THE EXTRACTION OF IMAGE DEPTH DISCONTINUITY AND METHOD OF USE

(51) International classification :H01L27/00
(31) Priority Document No :61/436800
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022979
Filing Date :27/01/2012
(87) International Publication No :WO 2012/103482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FAN Hongyin

(57) Abstract :
A machine vision is provided. The machine vision system Includes a camera. A first flash unit is in communication with the camera and adapted to emit light of a first range of wavelengths in synchronization with operation of the camera. A second flash unit is in communication with the camera and adapted to emit light of a second range of wavelengths in synchronization with operation of the camera. The light of the first range of wavelengths does not overlap the wavelength of the light of the second range of wavelengths.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6850/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONNECTING DEVICE FOR CONDUITS OR HOSE LINES HAVING ASSEMBLY DETECTION

(51) International classification :F16L19/00
(31) Priority Document No :102011009956.5
(32) Priority Date :01/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051104
Filing Date :25/01/2012
(87) International Publication No :WO 2012/104179
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)NEISKE Oliver

(57) Abstract :
A connecting device for conduits or hose lines comprising a connecting body which has a borehole for conducting a medium flowing through the conduit or hose line therethrough, and a pipe-like end piece which can be inserted into a receptacle that is formed at the front end of the connecting body and which can fixed in said receptacle by means of a union nut that is arranged rotatably between a loosened position and an assembly position on the outside of the connecting body, wherein a display rendering the assembly state of the connecting device is arranged between the mutually facing end faces of the union nut and connecting body, is characterised in that the display consists of two annular display bodys (13, 14) as carriers of at least one marking in each case, each display body being formed at the end faces of the connecting body (10) and union nut (12), whereby at the start of assembly of the union nut (12) the markings of the two displays bodys (13, 14) are located at different -« locations on the circumference of the connecting body (10) and union nut (12) and when the assembly of the connecting device is completed, they are moved into a mutually agreeing position by the relative rotation of the two display bodys (13, 14) relative to each other that takes place when the union nut (12) is screwed on.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6391/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ACCESS PERMISSIONS MANAGEMENT SYSTEM AND METHOD

(51) International classification :G06F7/04
(31) Priority Document No :13/014762
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2011/000903
Filing Date :24/11/2011
(87) International Publication No :WO 2012/101621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KORKUS Ohad
3)KRETZER KATZIR Ophir

(57) Abstract :
A system for providing bi directional visualization of authority of users over SACs in an enterprise wide network the system including functionality for providing user wise visualization of the authority of a given user over at least one SAC in respect of which the user has authority and functionality for providing SAC wise visualization for a given SAC of the authority of at least one user over the given SAC.

No. of Pages : 35 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6392/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GASIFICATION REACTOR

(51) International classification :C10J3/48,C10J3/78,C10J3/76
(31) Priority Document No :11152587.9
(32) Priority Date :28/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/051184
Filing Date :26/01/2012
(87) International Publication No :WO 2012/101194
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KARZEL Paul Christian
2)SCHMITZ GOEB Manfred Heinrich

(57) Abstract :
A gasification reactor (1) comprising a gasifier (2) having a tubular gastight wall (3) with a discharge channel or dip tube (15 40 60) at its lower end leading into a lower slag collection bath (17). The gastight wall and the slag collection bath are arranged within a pressure vessel (18 41 61). An annular space (20 42 62) between the pressure vessel and the gasifier with the discharge channel is separated in a high pressure top section (21 44 64) and a low pressure lower section (22 45 65) by a sealing arrangement (23 43 63) comprising a damper (25 50 70). The damper can for instance be a hydraulic lock (50 70) or a lower seal (25 66 70) at a distance below an upper seal (24 71).

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6393/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GASIFICATION REACTOR

(51) International classification :C10J3/48,C10J3/74,C10J3/78
(31) Priority Document No :11152040.9
(32) Priority Date :25/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/050951
Filing Date :23/01/2012
(87) International Publication No :WO 2012/101081
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KAR Ibrahim
2)SCHMITZ GOEB Manfred Heinrich

(57) Abstract :
A gasification reactor (1) comprising a gasifier (2) with a tubular gastight wall (3) arranged within a pressure vessel (9). The tubular gastight wall is provided with one or more pressure relief passages (20) sealed by a rupture element (38 39). The pressure relief passages (20) can be provided with a cooled section such as a double walled section confining a coolant channel (24).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6394/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPUTER SYSTEM AND ACCESS RESTRICTION METHOD

(51) International classification :G06F3/06,H04L29/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/003765
Filing Date :30/06/2011
(87) International Publication No :WO 2013/001582
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)TANAKA Daisuke
2)TAMURA Keishi

(57) Abstract :
Proposed are a computer system and an access restriction method which enable security and reliability to be improved. In a computer system that comprises a first storage apparatus which provides a first logical volume from/to which a host apparatus reads and writes data and a second storage apparatus which provides a virtual second logical volume obtained by virtualizing the first logical volume of the first storage apparatus to the host apparatus first path information which relates to a path from the host apparatus to the second logical volume is registered in the first storage apparatus in association with the first logical volume of the first storage apparatus and reservation of and access to the first logical volume is granted only for a reservation request and access request with matching path information from the host apparatus.

No. of Pages : 75 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6395/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ORAL CARE IMPLEMENT

(51) International classification :A61B17/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/023356
Filing Date :01/02/2011
(87) International Publication No :WO 2012/118472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JIMENEZ Eduardo J.

(57) Abstract :
An oral care implement for cleaning soft oral tissue. In one aspect the invention can be an oral care implement comprising: a handle extending along a longitudinal axis; first and second prong members extending from a distal end of the handle; a pad for engaging soft tissue the pad having a first major surface and a second major surface the pad positioned between and coupled to the first and second prong members.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6298/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STENT DELIVERY SYSTEM WITH PUSHER ASSEMBLY

(51) International classification :A61F2/06
(31) Priority Document No :61/433184
(32) Priority Date :14/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038456
Filing Date :27/05/2011
(87) International Publication No :WO 2012/096687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BLAKENEY Derek
4)EARLES Ronald G.

(57) Abstract :
A pusher assembly for a stent delivery device includes a distal end of an elongate inner member and a stent engaging member having a proximal end and a distal end. The proximal end of the stent engaging member is at least partially inside the distal end of the elongate inner member. The stent engaging member includes a portion that radially outwardly extends towards the distal end of the stent engaging member. The stent engaging member is configured to move a stent when distally advanced and is configured to not move a stent when proximally retracted.

No. of Pages : 78 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6299/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EXPRESSION OF SOLUBLE VIRAL FUSION GLYCOPROTEINS IN MAMMALIAN CELLS

(51) International classification :C07H21/04,C12P21/02
(31) Priority Document No :61/437531
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022997
Filing Date :27/01/2012
(87) International Publication No :WO 2012/103496
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LAWLOR Heather
4)CHEN Peifeng
5)LIU Yi

(57) Abstract :
The technology relates in part to production (i.e. expression) of recombinant viral fusion glycoproteins and nucleic acids that encode such viral fusion glycoproteins. In some embodiments human respiratory syncytial virus fusion protein (RSV F) and human parainfluenza virus 3 fusion protein (hPIV3 F) are expressed.

No. of Pages : 190 No. of Claims : 169

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6860/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING LIGNIN DERIVATIVES

(51) International classification :C08H8/00,D21C5/00,C08H7/00
(31) Priority Document No :11002445.2
(32) Priority Date :24/03/2011
(33) Name of priority country :EPO
(86) International Application No:PCT/EP2012/053592
Filing Date :02/03/2012
(87) International Publication No :WO 2012/126709
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TERS Thomas
3)FACKLER Karin
4)MESSNER Kurt
5)ERTL Ortwin

(57) Abstract :
Method for producing lignin derivatives from technical lignins by treatment with proteolytic enzymes (proteases) characterized in that the proteolytic treatment of the technical lignins significantly decreases the molecular mass thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6861/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANTENNA DEVICE

(51) International classification :H01Q1/40,H01Q9/42
(31) Priority Document No :2011021059
(32) Priority Date :02/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051078
Filing Date :19/01/2012
(87) International Publication No :WO 2012/105325
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention is an antenna device which has first and second antenna elements which are acquired by forming conductive metal plates into a meandered shape and a sealing material comprising a high dielectric material for sealing the first and second antenna elements and is configured so that the first antenna element and the second antenna element are disposed in parallel and the first and second antenna elements are embedded within the sealing material by insert molding.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6862/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOLENOID HOUSING WITH ELONGATED CENTER POLE

(51) International classification :F16K31/06
(31) Priority Document No :61/472844
(32) Priority Date :07/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032364
Filing Date :05/04/2012
(87) International Publication No :WO 2012/138889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MEHTA Shreyas R.

(57) Abstract :
The invention relates to a solenoid housing having an elongated center pole comprising a non magnetic region thereon for allowing actuation of an armature in response to electric current and a method of the making said solenoid housing. The instant invention eliminates the need for a two piece construction of the center pole leading to a simplified fabrication process increased performance of product solenoid housing and increased operational lifetimes as well.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6863/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED BATTERY AND ASSEMBLY METHOD

(51) International classification :H01M2/14,H01M4/22,H01M4/38
(31) Priority Document No :61/484854
(32) Priority Date :11/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037598
Filing Date :11/05/2012
(87) International Publication No :WO 2012/155082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BORDEN Peter Gustave

(57) Abstract :
An example includes a method including forming a battery electrode by disposing an active material coating onto a silicon substrate assembling the battery electrode into a stack of battery electrodes the battery electrode separated from other battery electrodes by a separator disposing the stack in a housing filling the interior space with electrolyte and sealing the housing to resist the flow of electrolyte from the interior space.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6864/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CATALYTIC DEHYDROCHLORINATION OF HYDROCHLOROFLUOROCARBONS

(51) International classification :C07C17/25,C07C21/18
(31) Priority Document No :61/444879
(32) Priority Date :21/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025871
Filing Date :21/02/2012
(87) International Publication No :WO 2012/115930
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAPPA Mario Joseph

(57) Abstract :
A dehydrochlorination process is disclosed. The process involves contacting R1CFC1CH2X with a catalyst in a reaction zone to produce a product mixture comprising R1CF=CHX, wherein said catalyst comprises MY supported on carbon, and wherein Rf is a perfluorinated alkyl group, X = H, F, CI, Br or I, M = K, Na or Cs, and Y = F, CI or Br.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6426/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ALUMINOSILICATE X TYPE ZEOLITE COMPOSITIONS WITH LOW LTA TYPE ZEOLITE

(51) International classification :C01B39/02,C01B33/06,B01J20/18
(31) Priority Document No :61/474931
(32) Priority Date :13/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032245
Filing Date :05/04/2012
(87) International Publication No :WO 2012/141963
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHENG Linda S.
3)BROACH Robert W.

(57) Abstract :
A zeolite X having (a) a Si/Al framework mole ratio in a range from 1.0 to 1.5; (b) a mean diameter not greater than 2.7 microns; and (c) a relative LTA intensity not greater than 0.35, as determined by x-ray diffraction (XRD). The relative LTA in tensity is calculated as 100 times the quotient of a sample LTA XRD intensity divided by a reference XRD intensity of an LTA-type zeolite material. The intensities are summed for each LTA peak with Miller indices of (2 0 0), (4 2 0), and (6 2 2) at 7.27 ±0. 16°, 16.29 ± 0.34° and 24.27 ± 0.50° 2 Q.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6428/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS AND APPARATUS FOR HYDROPROCESSING TWO STREAMS

(51) International classification :C10G65/02,C10L1/08
(31) Priority Document No :13/076647
(32) Priority Date :31/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029380
Filing Date :16/03/2012
(87) International Publication No :WO 2012/134836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WIEBER Andrew P.

(57) Abstract :
A process and apparatus are disclosed for hydroprocessing two hydrocarbon streams at two different pressures. A hydrogen stream is compressed and split. A first split compressed stream is further compressed to feed a first hydroprocessing unit that requires higher pressure for operation. A second split compressed stream is fed to a second hydroprocessing unit that requires lower pressure. Recycle hydrogen from the second hydroprocessing unit is recycled back to the compression section.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6849/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TYRE TREAD FOR A TRAILER TYPE HEAVY VEHICLE AND MOULDING COMPONENT

(51) International classification :B60C11/04
(31) Priority Document No :1151312
(32) Priority Date :17/02/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/052631
Filing Date :15/02/2012
(87) International Publication No :WO 2013/020716
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(72)**Name of Inventor :**
1)FOUCHER Benoit
2)BECHON Herv
3)MANSUY Philippe

(57) Abstract :
Tread (2) for a tyre (1) of a heavy vehicle, and tyre comprising such a tread, this tread (2) comprising a plurality of sipes (4) of circumferential overall orientation and of width (Li), each of these sipes extending into the depth of the tread over a depth (P) that is less than the mean thickness (E) of the tread, each sipe (4) being extended radially inwards by a channel (5) having lateral walls (51, 52) that are intended, when the tread has become partially worn, to delimit a new groove, these lateral walls (51, 52) connecting to a bottom (53), each sipe connecting together a plurality of drainage wells (6), each drainage well (6) formed in the thickness of the tread opening via a first opening (61) onto the tread surface (3) via an opening the maximum dimension of which is at least equal to twice the width of the sipe (4) and via a second opening (62) into a channel (5), this tread (2) being such that, for each sipe (4) of circumferential overall orientation, there is at least one drainage well (6) in the contact patch during running and, in the continuation of each drainage well (6), a protrusion (7) on the bottom (53) of the channel (5). Moulding element (40) for moulding a sipe as described hereinabove.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6870/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMMUNICATION SYSTEM CONTROL DEVICE FORWARDING NODE COMMUNICATION CONTROL METHOD AND PROGRAM

(51) International classification :H04L12/56,G06F12/00
(31) Priority Document No :2011016322
(32) Priority Date :28/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/005385
Filing Date :26/09/2011
(87) International Publication No :WO 2012/101690
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHIBA Yasunobu

(57) Abstract :
A communication system includes a control device that determines packet processing rules; a forwarding node that processes a received packet using a processing rule that is one of a plurality of processing rules transmitted from the control device and that corresponds to the received packet; a comparison unit that compares a first value with a second value wherein the first value is calculated from a first processing rule group held in the forwarding node and the second value is calculated from a second processing rule group determined by the control device for transmission to the forwarding node; and a confirmation unit that confirms if the forwarding node and the control device are synchronized based on the comparison result.

No. of Pages : 39 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6307/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REVERSE COIL HEAD COILS AND INNERSPRINGS

(51) International classification :A47C23/04
(31) Priority Document No :13/010525
(32) Priority Date :20/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021414
Filing Date :16/01/2012
(87) International Publication No :WO 2012/099812
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DEMOSS Larry K.
2)BEAMON James A.
3)MANUSZAK Brian M.
4)FISHER Herman F.
5)TRUSKOLASKY Joseph
6)PLEIMAN David J.
7)OLSEN Dan
8)SIZEMORE Randy

(57) Abstract :
A reverse coil head coil and innerspring has a generally cylindrical and helical wire form coil body and opposing coil ends which terminate on opposite sides of a reference plane that passes through the coil body. The reverse coil head coils are interconnected in a matrix to form an innerspring wherein only one terminal end of each coil is located at a perimeter of the innerspring. Variations in the number and pitch of helical turns of the coil body are also disclosed.

No. of Pages : 20 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6308/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANALOGUE MEASUREMENT PROBE FOR A MACHINE TOOL APPARATUS

(51) International classification	:G01B5/012,G01B7/00,G01B7/012
(31) Priority Document No	:11250060.8
(32) Priority Date	:19/01/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/GB2012/000045 :19/01/2012
(87) International Publication No	:WO 2012/098355
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)McMURTRY David Roberts
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(57) Abstract :
An analogue probe for a machine tool apparatus comprising a probe body and a stylus member movably secured to the probe body in a suspended rest position via a suspension mechanism. A sensor is provided for measuring the extent of displacement of the stylus member relative to the probe body from a rest position. The analogue probe further comprises a first compliant sealing member extending between the probe body and stylus member such that the sensor is contained within a chamber sealed from external contaminants. The analogue probe also has for a suppressor for suppressing movement of the stylus member away from its suspended rest position induced by changes in the chamber s internal pressure and/or changes in the analogue probe s operating environment.

No. of Pages : 64 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6872/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMMUNICATION SYSTEM CONTROL DEVICE COMMUNICATION NODE AND COMMUNICATION METHOD

(51) International classification :H04L12/56
(31) Priority Document No :2011024045
(32) Priority Date :07/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052612
Filing Date :06/02/2012
(87) International Publication No :WO 2012/108382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOIDE Toshio

(57) Abstract :
A communication system comprises: a plurality of communication nodes; and a control apparatus that controls packet processing of the plurality of communication nodes. The control apparatus further comprises: a virtualization unit that configures a virtual node(s) from 10 a plurality of communication nodes among the plurality of communication nodes; a control unit that sets a processing rule for a packet in at least one communication node of the plurality of communication nodes included in the virtual node(s), so that the at least one communication node executes packet processing 15 corresponding to an operation of the virtual node(s); and a path calculation unit that calculates a forwarding path of a packet, based on a virtual network topology including the virtual node(s). The plurality of communication nodes process a packet corresponding to the forwarding path, in accordance with the processing rule. Load 20 related to path calculation is reduced in the communication system.

No. of Pages : 50 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6875/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR DETERMINING UNCOLLECTED ENERGY

(51) International classification :F03D11/00
(31) Priority Document No :10 2011 003 799.3
(32) Priority Date :08/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052098
Filing Date :08/02/2012
(87) International Publication No :WO 2012/107469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BRAGA Nuno
3)SCHMITZ Andreas

(57) Abstract :
The present invention concerns a metfiod of producing a data base which includes a plurality of correlation laws, in particular correlation factors, for determining lost energy, which during a stoppage or throttling of a first wind power installation cannot be converted thereby into electrical energy, from the recorded power of at least one reference wind power 10 installation operated in throttled or unthrottled mode, comprising the steps of simultaneously detecting instantaneous power of the first wind power installation and at least one reference wind power installation in the throttled or unthrottled mode, determining a respective correlation law, in particular correlation factor, describing a relationship between the power of 15 the first wind power installation and the power of the at least one reference wind power installation, and storing the at least one correlation law or correlation factor in dependence on at least one boundary condition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6282/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HALF METALLOCENE COMPOUNDS AND CATALYST COMPOSITIONS

(51) International classification :C07F17/00,C08F4/76
(31) Priority Document No :13/013106
(32) Priority Date :25/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022311
Filing Date :24/01/2012
(87) International Publication No :WO 2012/103057
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MARTIN Joel L.
3)MASINO Albert P.
4)YANG Qing
5)YU Youlu

(57) Abstract :
The present invention provides polymerization catalyst compositions employing half metallocene compounds with a heteroatom containing ligand bound to the transition metal. Methods for making these hybrid metallocene compounds and for using such compounds in catalyst compositions for the polymerization of olefins also are provided.

No. of Pages : 91 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6283/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTONOMOUS VALVE

(51) International classification :E21B34/08,E21B43/12
(31) Priority Document No :PCT/EP2011/050471
(32) Priority Date :14/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/067058
Filing Date :29/09/2011
(87) International Publication No :WO 2012/095196
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AAKRE Haavard
2)MATHIESEN Vidar
3)WERSWICK Bj¸rnar

(57) Abstract :
The invention relates to a method and apparatus for of controlling the flow of a fluid. The fluid comprises a liquid phase and a dissolved gas phase. The fluid passes through a valve the valve comprising a fluid inlet and a movable body located in a flow path through the valve the movable body being arranged to move freely relative to the opening of the inlet to vary the flow through area through which the fluid flows by means of the Bernoulli effect. The dimensions of the valve are such that flow of the fluid past the movable body causes a drop in pressure to below the bubble point of the gas phase in the liquid phase thereby increasing flow of the fluid through the valve.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6284/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HETEROCYCLIC COMPOUNDS FOR THE INHIBITION OF PASK

(51) International classification :C07D401/04,C07D401/14,C07D405/14
(31) Priority Document No :61/430013
(32) Priority Date :05/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020281
Filing Date :05/01/2012
(87) International Publication No :WO 2012/094462
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :1700 Owens Street Suite 515 San Francisco CA 94158 U.S.A.
(72)**Name of Inventor :**
1)MCCALL John M.
2)ROMERO Donna L.

(57) Abstract :
Disclosed herein are new heterocyclic compounds and compositions and their application as pharmaceuticals for the treatment of disease. Methods of inhibiting PAS Kinase (PASK) activity in a human or animal subject are also provided for the treatment of diseases such as diabetes mellitus.

No. of Pages : 109 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6859/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR MANUFACTURING A DECORATED GLASS SHEET

(51) International classification :C03C17/34,C03C17/36,B41M1/00
(31) Priority Document No :BE 2011/0098
(32) Priority Date :15/02/2011
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP2012/052514
Filing Date :14/02/2012
(87) International Publication No :WO 2012/110513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DEPAUW Jean Michel
2)LUCCA Nerio
3)SYMOENS Bruno

(57) Abstract :
The invention relates to a method for manufacturing a decorated glass sheet covered with a functional coating including the sequential steps of applying at least one decorative pattern onto at least a portion of a surface of the glass sheet by printing drying the printed decorative pattern and depositing the functional coating such that it at least partially covers said decorative pattern by magnetron cathode sputtering. The invention further relates to the use of the resulting covered decorated glass sheet as a facing element.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6880/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR RECYCLING STEELMAKING CONVERTER EXHAUST RESIDUE AND PRODUCTS MADE THEREBY

(51) International classification :C21C5/38,C21C5/40,C22B1/14
(31) Priority Document No :12/984409
(32) Priority Date :04/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/003182
Filing Date :30/12/2011
(87) International Publication No :WO 2012/093280
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GOMES Guilherme Santana Lopes
2)DOS SANTOS Victor Loureiro

(57) Abstract :
Systems and methods for processing sludge from a fume scrubbing system that scrubs fumes from a steelmaking converter in a manner that separates/isolates a significant portion of the metallic iron particles in the sludge and prepares these particles for convenient handling. In an exemplary system the system includes separating equipment that isolates metallic iron particles in the sludge and forming equipment that forms the isolated particles into briquettes that have relatively high mechanical resistance that allow the briquettes to maintain their integrity during handling and storage. The high metallic iron content briquettes can be recycled in the steelmaking process for example as charging material for a basic oxygen converter or an electric arc furnace. Water used in the system can be recycled and reused within the system thereby making the system environmentally friendly. Systems and methods for making pellet feedstock and sinter feedstock for making pig iron and feedstocks made thereby. Nonmetallic particulates are isolated from steelmaking converter exhaust fume residue and are incorporated into the pellet and/or sinter feedstocks. In one embodiment the nonmetallic particulates are disaggregated from metallic particles in the residue using an acoustic cavitation duct. In one example of making pellet feedstock the nonmetallic particulates are mixed with iron ore limestone coal and bentonite to form a mixture that is pelletized into green pellets which are then cooked to form the pellet feedstock. In one example of making sinter feedstock the nonmetallic particulates are first micro pelletized and then mixed with iron ore limestone and coal to form a mixture that is then cooked and crushed to form the sinter feedstock.

No. of Pages : 40 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6302/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH PERFORMANCE NON COMBUSTIBLE GYPSUM CEMENT COMPOSITIONS WITH ENHANCED WATER DURABILITY AND THERMAL STABILITY FOR REINFORCED CEMENTITIOUS LIGHTWEIGHT STRUCTURAL CEMENT PANELS

(51) International classification	:E04B1/94,E04C2/26,C04B28/04
(31) Priority Document No	:12/977801
(32) Priority Date	:23/12/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/065333 :16/12/2011
(87) International Publication No	:WO 2012/087776
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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2)CHAN Cesar

(57) Abstract :
Structural cement panel for resisting transverse and shear loads equal to transverse and shear loads provided by plywood and oriented strain board when fastened to framing for use in shear walls flooring and roofing systems. The panels provide reduced thermal transmission compared to other structural cement panels. The panels employ one or more layers of a continuous phase resulting from curing an aqueous mixture of calcium sulfate alpha hemihydrate hydraulic cement coated expanded perlite particles filler optional additional fillers active pozzolan and lime. The coated perlite has a particle size of 1 500 microns a median diameter of 20 150 microns and an effective particle density (specific gravity) of less than 0.50 g/cc. The panels are reinforced with fibers for example alkali resistant glass fibers. The preferred panel contains no intentionally added entrained air. A method of improving fire resistance in a building is also disclosed.

No. of Pages : 93 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6303/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A BARCODE FOR A BEVERAGE PREPARATION CAPSULE

(51) International classification :A47J31/36,B65D85/804
(31) Priority Document No :11152828.7
(32) Priority Date :01/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/051559
Filing Date :31/01/2012
(87) International Publication No :WO 2012/104301
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)PIRKER Gerhard

(57) Abstract :
RsRA beverage preparation system comprising : (i) a capsule (1 1) with side (16) bottom (18) and top (14) walls said capsule having a shape that is substantially symmetrical around a vertical axis and said capsule is suitable for containing a beverage preparation ingredient to be dissolved and/or infused and/or extracted under pressure by action of a fluid circulating into said capsule through said ingredient (ii) a beverage preparation machine (1) suitable for receiving said capsule (11) and circulating said fluid into said capsule (iii) optionally a capsule holder (9) for holding said capsule (1 1) at least at the time said capsule is disposed into said machine characterized in that : the machine (1) comprises a linear barcode reader (21) suitable for reading a linear barcode sequence (25) contained in a segment S having a segment length L said linear barcode reader (21) being disposed in the machine such that it can read a barcode printed on the capsule while said capsule is being inserted inside said machine and the capsule (1 1) comprises a barcode sequence (25) that is repeatedly printed along a peripheral path of the capsule each sequence being disposed in an arc having a linear projected length L that is inferior to L and said sequence (25) is composed of dots (26) spaced apart from one another along said arc such that their projected point images along a linear segment are also spaced apart.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6304/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BREWING CHAMBER FOR A BEVERAGE PRODUCTION DEVICE

(51) International classification :A47J31/44,A47J31/52,A47J31/36
(31) Priority Document No :20 2011 001 661.7
(32) Priority Date :19/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050599
Filing Date :17/01/2012
(87) International Publication No :WO 2012/098092
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MAHLICH Gotthard

(57) Abstract :
The invention relates to a brewing or preparation chamber (1) of a beverage preparation device which is suitable for receiving and extracting a portion capsule (17) filled with powdered or liquid base beverage materials and which consists completely or partly of electrically conductive material and the brewing or preparation chamber (1) comprises a stationary first chamber part (2) and a second chamber part wherein two electrically conductive contacts are arranged in the first chamber part and in the second chamber part.

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6883/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR THE ANALYSIS OF PROTEIN MELT CURVE DATA

(51) International classification :G06F19/26
(31) Priority Document No :61/438621
(32) Priority Date :01/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023556
Filing Date :01/02/2012
(87) International Publication No :WO 2012/106481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEONG Harrison
3)WU Ruoyun

(57) Abstract :
The present teachings relate to embodiments of systems and methods for the analysis of melt curve data for a plurality of samples. According to various embodiments a melting temperature (Tm) may be determined across a range of different types of protein melt curve data having variability over a plurality of analytical attributes in order to accommodate the complexity of protein melt curve data. The combination of a plurality of samples coupled with the complexity of the data gives rise for a need to process the data in a manner that readily facilitates end user to analysis of the data. Various embodiments of an interactive graphical user interface (GUI) according to the present teachings provide for rapid and sequential changes that may be made by an end user to displayed protein melt curve data to allow such analysis.

No. of Pages : 63 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6439/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RESPIRATION ASSISTANCE SYSTEMS DEVICES OR METHODS

(51) International classification :A61H31/02
(31) Priority Document No :61/426897
(32) Priority Date :23/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066777
Filing Date :22/12/2011
(87) International Publication No :WO 2012/088390
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RADBOURNE Mark Bruce

(57) Abstract :
A respiration assistance apparatus or method can include or use a lifting element such as to cyclically push pull or lift toward a superior direction of the subject at least one subject region during an inhalation portion of a respiration cycle of the subject. A cyclical member can couple the lifting element to a fixed reference. Abdominal or ribcage compression can be provided. A multi action or other cam can be used such as together with a reciprocating element. Examples can be configured for use with a wheelchair a bed a vacuum or suction affixation element a wearable garment etc.

No. of Pages : 62 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6895/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COATING COMPOSITION

(51) International classification :C09D4/00
(31) Priority Document No :61/440899
(32) Priority Date :09/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023943
Filing Date :06/02/2012
(87) International Publication No :WO 2012/109130
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HSU Shui Jen Raymond
2)MARCU Ioan
3)STANISLAWCZYK Vic
4)ROTA Darlene D.

(57) Abstract :
The disclosed invention relates to a coating composition comprising: water; a multivalent transition metal oxide hydroxide and/or salt; and a polymer comprising repeating units derived from itaconic acid. The coating composition may be used to coat masonry substrates and the like.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6897/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SURGICAL SYSTEM FOR CONNECTING BODY TISSUE

(51) International classification :A61B17/072,A61B18/14
(31) Priority Document No :10 2011 001 372.5
(32) Priority Date :17/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/054047
Filing Date :08/03/2012
(87) International Publication No :WO 2012/123337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WEISSHAUPT Dieter
2)ROTHWEILER Christoph
3)HEIZMANN Patrick

(57) Abstract :
The invention relates to a surgical system for connecting body tissue, comprising a surgical Instrument with at least two tool elements, which are movable relative to one another and in each case comprise an H F electrode, which H F electrodes, in a position of approximation of the tool elements, define a minimum distance from one another, lie opposite one another and face one another, such that, when an H F current is applied, body tissue held between the tool elements is connected, and with a cutting element for cutting through and/or cutting off body tissue, which cutting element can b e brought from a tissue-connecting position, in which body tissue can b e connected to the tool elements and in which the cutting element cannot come into contact with body tissue, to a cutting position. In order to improve the said surgical system such that incorrect Operation of the system is excluded as far as possible, it is proposed that the Instrument comprises a safety mechanism for securing the cutting element in the tissue-connecting Position. Moreover, an improved control method i s proposed for a surgical system for connecting body tissue.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6898/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGHLY INTEGRATED INSIDE OUT RAMJET

(51) International classification :F02K7/10,F04D29/00,F04D25/02
(31) Priority Document No :61/429713
(32) Priority Date :04/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020118
Filing Date :04/01/2012
(87) International Publication No :WO 2012/094351
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GURIN Michael

(57) Abstract :
The present invention generally relates to power generation and compression methods requiring high efficiency and low capital cost. In one embodiment the present invention relates to an inside out ramjet having both circumferential components and radial components on a single shaft to maximize exergy efficiency and minimize system size.

No. of Pages : 37 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.690/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCTION OF RIFAMYCIN B ANALOG 24-DESMETHYLRIFAMYCIN B BY SWAPPING ACYL TRANSFERASE OF MODULE 6 (PROPIONATE SPECIFIC) DOMAIN OF RIFAMYCIN POLYKETIDE SYNTHASE (PKS) GENE CLUSTER OF AMYCOTATOPSIS MEDITERRANEI S699 WITH THAT ACYL TRANSFERASE OF MODULE 2 (ACETATE SPECIFIC) DOMAIN OF RAPAMYCIN PKS GENE CLUSTER

(51) International classification :C12N
(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)DEPARTMENT OF BIOTECHNOLOGY
Address of Applicant :BLOCK-2, 6-8TH FLOORS, CGO COMPLEX, LODHI ROAD, NEW DELHI-110003 Delhi India
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3)THE STATE OF OREGON ACTING BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION ON BEHALF OF OREGON STATE UNIVERSITY
(72)**Name of Inventor :**
1)LAL, RUP
2)MAHMUD, TAIFO

(57) Abstract :
The invention relates to the production of rifamycin analogs against drug resistant bacteria. The invention also relates to antibacterial compounds against drug resistant mycobacteria. The invention also provides for pharmaceutical composition comprising antibacterial compound against drug resistant bacteria, particularly mycobacteria. The invention also provides for use of antibacterial compounds for the treatment of disease caused by bacteria and in particular mycobacteria.

No. of Pages : 65 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6451/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POUCH METHOD OF MANUFACTURING A POUCH AND A METHOD OF DISPENSING A PRODUCT FROM A POUCH

(51) International classification :B65D5/20,B65D5/48,B65D5/50
(31) Priority Document No :61/427526
(32) Priority Date :28/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2011/064247
Filing Date :09/12/2011
(87) International Publication No :WO 2012/091886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ULSTAD David Carl
2)MILLER Robert Alan Jr.
3)MAZER Terry B.
4)ZEITLER Wilson George

(57) Abstract :
A single use pouch (10) for liquid product has a front panel (12) and a back panel (14). The front and back panels at least in part cooperatively define an interior space (15) of the pouch. The interior space has a total liquid capacity. A volume of liquid product is contained within the interior space. The volume of liquid product is less than about 60% of the total liquid capacity of the pouch.

No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6452/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DERIVATIVES OF GLYCO CF2 SERINE AND GLYCO CF2 THREONINE

(51) International classification :C07D309/10,C07K9/00,A61K38/14
(31) Priority Document No :10306493.7
(32) Priority Date :22/12/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/073822
Filing Date :22/12/2011
(87) International Publication No :WO 2012/085221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DELIENCOURT GODEFROY Graldine
2)FILLON Hyacinthe
3)MARTIN Thibaut

(57) Abstract :
The present invention relates to compounds of formula (I): or a pharmaceutically acceptable salt thereof a tautomer a stereoisomer or a mixture of stereoisomers in any proportion in particular a mixture of enantiomers and particularly a racemate mixture as well as to their process of preparation their use in the peptide synthesis said peptide and the use of said peptide.

No. of Pages : 100 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6903/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A WIND TURBINE GENERATOR WITH MOVABLE STATOR SUBUNITS

(51) International classification :H02K1/14,H02K1/18,H02K7/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/050082
Filing Date :05/01/2011
(87) International Publication No :WO 2012/092964
(61) 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)STAGH˜J Michael
2)LARSEN Gerner
3)OLSEN Niels Christian
4)HANSEN Frank M¸ller

(57) Abstract :
A generator (5) for a wind turbine (1) is disclosed. The generator (5) comprises a rotor (3) configured to rotate about a rotational axis and at least one stator (4) arranged next to the rotor (3). Each stator (4) comprises at least two subunits (8) the subunits (8) being arranged side by side along a moving direction of the rotor (3). Each subunit (8) comprises at least one flux generating module (9) facing the rotor (3) but spaced therefrom thereby defining an air gap between the rotor (3) and each flux generating module (9). The subunits (8) are movable relative to each other along a direction which is substantially transverse to the moving direction of the rotor (3). This allows a subunit (8) to move in a manner which adjusts the air gap without affecting the position and the air gap of a neighbouring subunit (8). Thereby variations in the rotor (3) can be compensated and a uniform and constant air gap can be maintained. The invention further provides a wind turbine (1) comprising such a generator (5) and a method for performing service on a generator (5).

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6904/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CUTTING INSERT FOR MACHINING

(51) International classification :B23C5/20
(31) Priority Document No :GM 109/2011
(32) Priority Date :24/02/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2012/000041
Filing Date :23/02/2012
(87) International Publication No :WO 2012/113006
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DUWE J¼rgen
3)KRABICHLER Markus
4)SCHLEINKOFER Uwe

(57) Abstract :
The invention relates to a cutting insert for machining, havlhg a substantially cylindrical nnain body, having an axis A. The cutting insert has a lateral flank - 1 - and opposing rake faces -2-, -2-, wherein cutting edges -3-, -3- are formed at the intersection of said flank - 1 - and rake faces -2-, -2-. The cutting edges -3-, -3- have, in the direction of the axis A, in each case at least two convexly curved sections -4-, -4- which are connected together by concavely curved or substantially straight sections -5-, -5-.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6905/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LINE DUCT WITH A SERIES OF LAYERS

(51) International classification :F16L5/02,H02G3/22
(31) Priority Document No :11 001 454.5
(32) Priority Date :22/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/000752
Filing Date :21/02/2012
(87) International Publication No :WO 2012/113537
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KURZ Ralf
2)HECK Martin
3)SEIBOLD Michael

(57) Abstract :
The invention relates to a line duct for sealing a wall opening through which a line passes comprising an elastomer body with a series of layers surrounding the line. The elastomer body and the series of layers are made up here of a number of respective one piece elastomer body parts (2a b c d) with shells (4a b c d) according to the invention there being arranged between the shells (4a b c d) of an elastomer body part (2a b c d) at least two shells (4a b c d) of other elastomer body parts (2a b c d).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6448/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS OF ANALYZING PLAQUE

(51) International classification :G01N27/447
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/024420
Filing Date :11/02/2011
(87) International Publication No :WO 2012/108871
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LAVENDER Stacey
2)SANTARPIA III R. Peter
3)SULLIVAN Richard J.

(57) Abstract :
The invention provides a method of measuring ammonia and/or calcium in a sample of dental plaque comprising obtaining the sample of plaque and measuring ammonium and calcium ions using capillary electrophoresis together with methods of diagnosis treatment and screening based on evaluation of plaque.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6910/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROLLER MILL AND METHOD FOR OPERATING A ROLLER MILL

(51) International classification :B02C4/42,B02C25/00
(31) Priority Document No :10 2011 000 748.2
(32) Priority Date :15/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052052
Filing Date :07/02/2012
(87) International Publication No :WO 2012/110363
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ASSMANN Bjrn Olaf
2)BROSOWSKI Werner
3)BERGER Markus

(57) Abstract :
The roller mill according to the invention consists substantially of two grinding rollers 5 which are driven in opposite directions and form between them a grinding gap for comminuting material to be ground, and a delivery chute via which the material to be ground is fed to the grinding gap. Furthermore, there is provided in the delivery chute a pressure sensor for measuring the static gas pressure, which pressure sensor is connected to a control or regulating device, which changes the circumferential speed of 10 the grinding rollers in dependence on the measured static gas pressure. In the method according to the invention for operating the above roller mill, the static gas pressure in the delivery chute is measured and used to control or regulate the circumferential speed of the grinding rollers.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6911/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LACCASE VARIANTS HAVING INCREASED EXPRESSION AND/OR ACTIVITY

(51) International classification :C12N9/02
(31) Priority Document No :61/472568
(32) Priority Date :06/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029786
Filing Date :20/03/2012
(87) International Publication No :WO 2012/138474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)WARD Michael

(57) Abstract :
The present compositions methods and systems relating to variant laccase enzymes that demonstrate increased expression and/or activity compared to a reference parental laccase enzyme. The variant enzymes include mutations that affect glycosylation surface charge or surface hydrophobicity resulting in improved enzyme expression and/or enzyme activity.

No. of Pages : 98 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6912/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DENTIFRICE COMPOSITION

(51) International classification :A61K8/21,A61K8/73,A61Q11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/052473
Filing Date :18/02/2011
(87) International Publication No :WO 2012/110106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SCHEFFEL Cornelia
3)MATUR Turan
4)BRUNELLA Andre

(57) Abstract :
A dentifrice such as toothpaste containing chitosan or pharmaceutically acceptable acid addition salt thereof with fluoride ions for use against erosive tooth demineralization and kits containing containing chitosan or pharmaceutically acceptable acid addition salt thereof with fluoride ions wherein one of the two active agents is comprised in a dentifrice are described. The dentifrice in the form of toothpaste may furthermore comprise dissolved tin in particular stannous ions. Toothpastes containing chitosan or pharmaceutically acceptable acid addition salt thereof with fluoride ions are tested in the treatment or prevention of erosive tooth demineralisation caused by citric acid.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6913/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYNTHETIC INSECTICIDAL PROTEINS ACTIVE AGAINST CORN ROOTWORM

(51) International classification :C12N15/82,C07K14/325
(31) Priority Document No :61/441816
(32) Priority Date :11/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024602
Filing Date :10/02/2012
(87) International Publication No :WO 2012/109515
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CONG Ruth
3)HOU Jingtong
4)YAMAMOTO. Takashi

(57) Abstract :
Traditionally the primary method for impacting insect pest populations is the application of broad spectrum chemical insecticides. However there is increasing concern about the environmental hazards associated with the production and use of synthetic chemical pesticides. Thus there is substantial interest in developing alternative pesticides including biological control of insect pests of agricultural significance using a microbial agent or another species of insect. The present invention provides compositions and methods for such biological control. Modified Cry3 pesticidal polypeptides polynucleotides encoding such polypeptides and methods of use are disclosed. The modified polynucleotides provided herein can be used to transform organisms and cells of hosts comprising plant insects and microorganisms. The expression of modified polypeptides can provide the host with improved insecticidal activity against one or more insect pathogens.

No. of Pages : 76 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6355/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ISOXAZOLINE DERIVATIVES FOR CONTROLLING INVERTEBRATE PESTS

(51) International classification	:C07D413/04,C07D413/14,C07D417/04
(31) Priority Document No	:00247/2011
(32) Priority Date	:10/02/2011
(33) Name of priority country	:Switzerland
(86) International Application No Filing Date	:PCT/EP2012/052241 :09/02/2012
(87) International Publication No	:WO 2012/107533
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland
(72)**Name of Inventor :**
1)GAUVRY No«lle
2)NANCHEN Steve

(57) Abstract :
The invention relates to new isoxazoline compounds of formula (I) wherein the variables have the meaning as indicated in the claims; in free form and in salt form; and optionally the enantiomers and geometrical isomers thereof. The compounds of formula (I) are useful in the control of parasites in particular ectoparasites in and on warmblooded animals.

No. of Pages : 50 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.6356/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLANT AND PROCESS FOR TREATING A LIQUID EFFLUENT COMPRISING A METHANE FERMENTATION A BIOLOGICAL TREATMENT A DIGESTION OF METHANE FERMENTED SLUDGES AND OF BIOLOGICAL SLUDGES AND A METHANE FERMENTATION OF DIGESTED SLUDGES

(51) International classification	:C02F3/00,C02F3/30,C02F3/28
(31) Priority Document No	:1150766
(32) Priority Date	:01/02/2011
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2012/051636
Filing Date	:01/02/2012
(87) International Publication No	:WO 2012/104330
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ARNAUD Thierry

(57) Abstract :
A method for treating liquid effluent, said method comprising a step for methanizing said effluent within a methanizer (32) producing biogas, methanized sludges and a methanized effluent, a step of biological treatment of said methanized effluent within a biological treatment area (34) producing biological sludges and a treated effluent, a step for extracting thickened biological sludges 10 from said biological treatment area (34), a step of anaerobic digestion of at least one part of said methanized sludges and said thickened biological sludges within a digester (44) producing biogas and digested sludges, a step for recirculating at least one part of said digested sludges in said methanizer (21), and a step for extracting at least one part of the digested sludges.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6920/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR REFILLING AND CHECKING THE LEAK TIGHTNESS OF A FUEL INJECTOR

(51) International classification	:F02M65/00,F02M61/16,F02D41/22
(31) Priority Document No	:10 2011 005 428.6
(32) Priority Date	:11/03/2011
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2012/050352 :11/01/2012
(87) International Publication No	:WO 2012/123134
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)KOHLER Bernd

(57) Abstract :
A method for refilling an emptied hydraulic coupler of a fuel injector (30) has the steps: connecting a pressure generator (36) to a return line (32) of the fuel injector (30): operating the pressure generator (36) in order to generate a return pressure in the return line (32): operating the fuel injector (30). The method may also include the step of monitoring the pressure level in the return line.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6921/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUPPLY VOLTAGE CONTROL

(51) International classification :H02J7/00,H03K17/06
(31) Priority Document No :10 2011 005 416.2
(32) Priority Date :11/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051660
Filing Date :01/02/2012
(87) International Publication No :WO 2012/123177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MACK Juergen

(57) Abstract :
The invention relates to a disconnection device for a switched mode power supply, wherein the switched mode power supply comprises a drive device for a first transistor for generating a transformable voltage. In this case, the disconnection device comprises a second transistor of the PNP type and a third transistor of the NPN type, wherein the base of the second transistor is connected to the collector of the third transistor, and the base of the third transistor is connected to the collector of the second transistor. In addition, the emitter of the third transistor is connected to ground. The emitter of the second transistor is connected to a control voltage terminal of the drive device, wherein the control voltage terminal is designed to suppress the P generation of the voltage by means of the first transistor when the control voltage terminal is connected to ground, with the result that the generation of the voltage is suppressed if a voltage which exceeds a predetermined threshold value is applied to the base olthe third transistor.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6922/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTACT PLUG FOR DIRECTLY CONTACTING A CIRCUIT BOARD

(51) International classification :H01R12/72,H01R12/87
(31) Priority Document No :10 2011 005 456.1
(32) Priority Date :11/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/052262
Filing Date :10/02/2012
(87) International Publication No :WO 2012/123197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FLEIG Michael

(57) Abstract :
The invention relates to a contact plug (40) for directly electrically contacting contact areas (3) provided on both sides of a circuit board (2) by means of two contact carriers (6) joined to each other with a hinge, which form a plug receptacle between each other for the circuit board (2) and each comprise at least one contact element (8) protruding into the plug receptacle (7) for directly electrically contacting a contact area (3), comprising a spring (9), wherein the two free spring ends (9a) of said spring contact the outside of the two contact carriers (6). respeciively, and tension the two contact carriers (6) toward each other, and comprising a control channel (10), which is formed between the two contact carriers (6), and is adjacent to the side of the plug receptacle (7), wherein said control channel is bounded by two control protrusions (12) of the P two contact carriers (6) opposite each other and pivots open against the action of the spring (9) when the circuit board (2) is inserted by interacting with a control wedge (11) provided on the circuit board (2). According to the invention, the spring (9) is open in the plug direction (4) of the contact plug (40) and the control protrusions (12) of the two contact carriers (6) are disposed in front of the free spring ends (9a) of the spring (9) that are contacting the contact carriers (6) in the plug direction (4) of the contact plug (40).

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6416/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMAGE DECODING DEVICE IMAGE ENCODING DEVICE AND METHOD THEREOF

(51) International classification :H04N7/32
(31) Priority Document No :2011011861
(32) Priority Date :24/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050456
Filing Date :12/01/2012
(87) International Publication No :WO 2012/102088
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KONDO Kenji

(57) Abstract :
In the present invention, a reversible decoding unit (52) extracts, from stream information, difference information in - dicating the difference with respect to a predicted quantization parameter selected from selection candidates, the selection candidates being quantization parameters of a decoded block spatially or temporally adjacent to a block to be decoded. A quantization paramet er calculation unit (59) calculates a quantization parameter o f the block to be decoded fiOm the difference information and the pre dicted quantization parameter. As a result, it is possible to correctly decode an image by calculating a quantization parameter equi - valent to the quantization parameter used during image encoding.

No. of Pages : 168 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6926/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BLOW NOZZLE TO CONTROL LIQUID FLOW WITH PRE STRETCH ROD ASSEMBLY AND METAL SEAT SEAL PIN

(51) International classification :B05B1/14
(31) Priority Document No :61/443282
(32) Priority Date :16/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024954
Filing Date :14/02/2012
(87) International Publication No :WO 2012/112477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MAKI Kirk Edward
3)BEUERLE Frederick C.

(57) Abstract :
An apparatus for forming a container from a container preform. The apparatus includes a housing a mold cavity and a nozzle system disposed in the housing and operably connectable to the mold cavity. The nozzle system is positionable between a first position engaging the housing along an interface of contact preventing pressurized liquid from being injected into the container preform and a second position spaced apart from the housing permitting pressurized liquid to be injected into the container preform. The nozzle system further includes in some embodiments a seal portion having a first surface the first surface engaging a second surface extending from the housing in the first position.

No. of Pages : 24 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6927/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TRANSPARENT PHOTOVOLTAIC CELLS

(51) International classification :H01L51/42,H01L27/30,B82Y10/00
(31) Priority Document No :61/436371
(32) Priority Date :26/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022543
Filing Date :25/01/2012
(87) International Publication No :WO 2012/103212
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LUNT Richard Royal

(57) Abstract :
A transparent photovoltaic cell and method of making are disclosed. The photovoltaic cell may include a transparent substrate and a first active material overlying the substrate. The first active material may have a first absorption peak at a wavelength greater than about 650 nanometers. A second active material is disposed overlying the substrate the second active material having a second absorption peak at a wavelength outside of the visible light spectrum. The photovoltaic cell may also include a transparent cathode and a transparent anode.

No. of Pages : 41 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6928/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR HIGH SPEED SEARCHING AND FILTERING OF LARGE DATASETS

(51) International classification :G06F17/30,G06F17/40
(31) Priority Document No :61/431423
(32) Priority Date :10/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020841
Filing Date :10/01/2012
(87) International Publication No :WO 2012/097009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WARD Roy W.
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(57) Abstract :
A data structure comprises a clump header table and an inline tree data structure. The inline tree representing filterable data fields of hierarchically organized data records comprises an alternating sequence of first level binary string segments each followed by one or more corresponding second level binary string segments. Each clump header record includes an indicator of a location in the inline tree of corresponding binary string segments. A dedicated specifically adapted conversion program generates the clump header file and the inline tree for storage on any computer readable medium and the inline tree can be read entirely into RAM to be searched or filtered. A dedicated specifically adapted search and filter program is employed to list or enumerate retrieved data records. Run time computer code generation can reduce time required for searching and filtering. One example includes spatial searching and filtering of data records that include spatial coordinates as data fields.

No. of Pages : 70 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6851/DELNP/2013 A
(43) Publication Date : 12/12/2014

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

(51) International classification :H04N7/32
(31) Priority Document No :2011023870
(32) Priority Date :07/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051658
Filing Date :26/01/2012
(87) International Publication No :WO 2012/108271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KONDOW Kenji

(57) Abstract :
The present technique relates to an image processing device and method that can increase encoding efficiency. A table selection unit (343) compares the 5 difference (distance) dPOC calculated by a distance calculation unit (342) with a distance threshold dPOC_th supplied from a distance threshold acquirement unit (341), j and, in accordance with the comparison result, selects a table (a bit sequence assignment pattern) Sn. A 10 binarization unit (335) refers to the table information about the assignment pattern (Sn) that is stored in a table storage unit (334) and is selected by a table selection unit (343), and, in accordance with the assignment pattern, binarizes the predicted motion vector 15 select information (pmv_index) supplied from a predicted motion vector selection unit (332). The present invention can be applied to image processing devices, for example.

No. of Pages : 196 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6853/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING A USER WITH CHARGING RELATED VOICE SERVICE

(51) International classification :H04L12/14,H04W4/24,H04M3/493
(31) Priority Document No :201110036090.6
(32) Priority Date :01/02/2011
(33) Name of priority country :China
(86) International Application No :PCT/IB2012/000157
Filing Date :04/01/2012
(87) International Publication No :WO 2012/104712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LI Xiang yang
2)CAI Yigang

(57) Abstract :
The present invention provides a ubiquitous solution for providing charge related voice service such as voice announcement and interactive voice response in an IP multimedia subsystem. In particularly an online charging system (10) detects the subscriber account profile of a user terminal (51) to determine whether there is an event for providing an end user with voice announcement or interactive voice response (S203). If there is such voice announcement event or interactive voice response event the online charging system (10) will enter redirection state and send an instruction (S204) to an online charging client (20) for instructing the online charging client (20) to redirect the user terminal to a first server (30) for providing voice announcement or interactive voice response such that the first server (30) provides the user terminal (51) with voice announcement or interactive voice response. The online charging client (20) may comprise network gateway session initiation protocol application server or media resource function controller etc.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6854/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WATER SOLUBLE POLYMER POWDER FORMULATION HAVING IMPROVED DISPERSING PROPERTIES

(51) International classification :C08B15/00,C08L1/28,C09D101/28
(31) Priority Document No :61/449846
(32) Priority Date :07/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027836
Filing Date :06/03/2012
(87) International Publication No :WO 2012/122153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CARROLL Glen T.
3)NGUYEN Tuyen T.
4)VAYNBERG Kostantin A.

(57) Abstract :
The present invention relates generally to water soluble polymer powder formulations and more particularly to a cellulose ether formulation which in powder form is suitable for direct addition to water based systems to produce smooth lump free solutions. The cellulose ethers are crosslinked with an aldehyde crosslinker and include a dry weak acid which slows hydrolysis of the hermiacetal linkage formed by the crosslinker. The selected acid does not adversely affect solubility stability.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6855/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITE CORE CONDUCTORS AND METHOD OF MAKING THE SAME

(51) International classification :H01B5/10
(31) Priority Document No :61/435725
(32) Priority Date :24/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050714
Filing Date :07/09/2011
(87) International Publication No :WO 2012/102762
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MCQUARRIE Terry

(57) Abstract :
Electrical cables for the transmission of electricity between power poles or towers with at least one of a cooling feature and a fail safe feature and methods of producing the same.

No. of Pages : 27 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6856/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FUELS HYDROCRACKING WITH DEWAXING OF FUEL PRODUCTS

(51) International classification :C10G47/00,C10G69/02
(31) Priority Document No :61/470077
(32) Priority Date :31/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031055
Filing Date :29/03/2012
(87) International Publication No :WO 2012/135403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NOVAK William J.
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4)McCARTHY Stephen J.
5)DAAGE Michel A.

(57) Abstract :
This invention relates to a process involving hydrocracking and dewaxing of a feedstream in which a converted fraction can correspond to a majority of the product from the reaction system while an unconverted fraction can exhibit improved properties. In this hydrocracking process it can be advantageous for the yield of unconverted fraction for gasoline fuel application to be controlled to maintain desirable cold flow properties for the unconverted fraction. Catalysts and conditions can be chosen to assist in attaining or to optimize desirable product yields and/or properties.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6866/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CATALYTIC DEHYDROCHLORINATION OF HYDROCHLOROFLUOROCARBONS

(51) International classification :C07C17/25,C07C21/18,C07C19/01
(31) Priority Document No :61/444874
(32) Priority Date :21/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025886
Filing Date :21/02/2012
(87) International Publication No :WO 2012/115938
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)NAPPA Mario Joseph

(57) Abstract :
A dehydrochlonnation process is disclosed. The process involves contacting RfCHCICH 2CI with a chromium oxyfluoride catalyst in a reaction zone to produce a product mixture comprising RfCCI=CH2, wherein Rf is a perfluorinated alkyl group.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6867/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTROL SYSTEM FOR ELECTROCHROMIC DEVICE

(51) International classification :G02F1/157
(31) Priority Document No :61/435391
(32) Priority Date :24/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022033
Filing Date :20/01/2012
(87) International Publication No :WO 2012/102964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GREER Bryan D.
3)SNYKER Mark O.

(57) Abstract :
The present invention is directed to electrochromic systems comprising an electrochromic glazing 110 or insulated glazing unit a photovoltaic module 100 for supplying power to the electrochromic glazing or IGU and an electronics module 100 in communication either the electrochromic glazing and/or photovoltaic module.

No. of Pages : 48 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6868/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONDUCTIVE BINDER COMPOSITION METAL WIRE WITH CONDUCTIVE BINDER BONDED UNIT AND SOLAR CELL MODULE

(51) International classification :C09J163/00,C09J9/02,C09J11/04
(31) Priority Document No :2011015624
(32) Priority Date :27/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050361
Filing Date :11/01/2012
(87) International Publication No :WO 2012/102076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YOKOCHI Seigo
2)FUJITA Masaru
3)HAYASHI Hiroki

(57) Abstract :
Provided is a conductive adhesive composition including: conductive particles (A) containing metal having a melting point of equal to or lower than 210 C; a resin (B) having a softening point of equal to or lower than the melting point of the metal of the conductive particles and being solid at a room temperature ; a flux activator (C); and a solvent (D).

No. of Pages : 48 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6950/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DARK PRIVACY GLASS

(51) International classification :C03C3/087,C03C3/11,C03C4/02
(31) Priority Document No :13/026399
(32) Priority Date :14/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022827
Filing Date :27/01/2012
(87) International Publication No :WO 2012/112279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)THIEL James P.

(57) Abstract :
A vehicle roof window includes an uncoated glass transparency having an Lta in the range of greater than 0% to 10% and a solar factor in the range of equal to or less than 30% measured at a thickness in the range of 3.6 4.1 millimeters (mm) e.g. at a thickness of 3.6 mm 3.9 mm or 4.1 mm. The solar factor is determined in accordance to International Organization for Standardization (ISO) No. 13837.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6951/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WELLBORE INJECTION SYSTEM

(51) International classification :E21B43/12,E21B34/06,E21B43/24
(31) Priority Document No :2730875
(32) Priority Date :07/02/2011
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2012/000105
Filing Date :07/02/2012
(87) International Publication No :WO 2012/106804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FERMANIUK Brent D.
3)KLIMACK Jesse
(72)**Name of Inventor :**
1)KLIMACK Brian K.
2)FERMANIUK Brent D.
3)KLIMACK Jesse

(57) Abstract :
A device is provided for delivering and distributing injection fluids into a subsurface formation from a horizontal wellbore. The device includes one or more steam pups having an outer sleeve and an inner sliding sleeve in concentric relationship. One or more sets of nozzles are arranged on the outer sleeve. A means is provided for actuating movement of the inner sliding sleeve within the outer sleeve to at least partially cover one or more sets of nozzles on the outer sleeve. A method is also provided for delivering injection fluids into a subsurface formation from a horizontal wellbore. First one or more steam pups are introduced into the horizontal well said steam pups having an outer sleeve and an inner sliding sleeve with one or more sets of nozzles arranged on the outer sleeve. Next the inner sliding sleeve is moved inside the outer sleeve to at least partially cover one or more sets of nozzles on the outer sleeve. Finally injection fluid is injected through the steam pup nozzles into formation. A further method is provided that comprises introducing into a heel location of the wellbore a first and second pairs of flow control hangers and polished bore receptacles connected to an intermediate casing and cemented in place. The the first pair of flow control hanger and polished bore receptacle are connected to an injection/prodcution liner and one or more steam pups are then connected to the second pair of flow control hanger and polished bore receptacle.

No. of Pages : 25 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6906/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : QUINOLINE DERIVATIVES AS FUNGICIDES

(51) International classification :C07D401/12,C07D413/12,C07D417/12
(31) Priority Document No :11160646.3
(32) Priority Date :31/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055578
Filing Date :29/03/2012
(87) International Publication No :WO 2012/130917
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MURPHY KESSABI Fiona
3)BEAUDEGNIES Renaud
4)LAMBERTH Clemens
5)QUARANTA Laura
6)TRAH Stephan

(57) Abstract :
Compounds of the general formula (I) wherein the substituents are as defined in claim 1 are useful as fungicides.

No. of Pages : 65 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6907/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLAP FOR TUBE TIRE

(51) International classification :B60C5/02
(31) Priority Document No :2011035054
(32) Priority Date :21/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053571
Filing Date :15/02/2012
(87) International Publication No :WO 2012/114964
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ISHIGURO Hiroaki

(57) Abstract :
Provided is a flap for a tube tire, the flap being able to reinforce the periphery of an opening in the flap for receiving a valve stem, thereby protecting the tube from damage. The flap is a flap 10 to be mounted on an outer peripheral surface of the rim of a tube tire. The flap 10 is annular rubber and includes a flap body 11 which includes an opening 11a for receiving a valve stem b of a tube t, a first reinforcement 12 which is disposed around the opening 11a on the tube t-facing surface 1 lb of the flap body 11 and which is made of rubber, and a second reinforcement 13 which is disposed around the opening 1 la on the rim-facing surface 1 Ic of the flap body 11 and which is made of cord-embedded rubber.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6908/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL CARBOXAMIDE MICROBIOCIDES

(51) International classification :C07D333/80,C07D409/12,A01N43/12
(31) Priority Document No :11155155.2
(32) Priority Date :21/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/052644
Filing Date :16/02/2012
(87) International Publication No :WO 2012/113696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WALTER Harald
2)STIERLI Daniel

(57) Abstract :
Compounds of formula (I) wherein Ri is C1- C4 alkyl, G-C4haloalkyl or G-C4alkoxy; R2 is G-C4alkyl; R3 is hydrogen or halogen; R4 is hydrogen, C1-C4alkyl or G-C4halogenalkyl; X is methine or nitrogen; A is R5 is hydrogen, halogen, -G-C6alkyl, C3-C7cycloalkyl or -aryl; R6 is hydrogen, halogen, -G-C6alkyl, -C3-C7cycloalkyl or -aryl; and agrochemically acceptable salts/isomers/ structural isomers/stereoisomers/diastereoisorners/enantiorners/tautorriers and N-oxides of those compounds are suitable for use as microbiocides

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6909/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HOT ROLLING MACHINE FOR WIRE ROD AND THE LIKE

(51) International classification :B21B27/03,B21B31/26,B21B35/02
(31) Priority Document No :TV2011A000018
(32) Priority Date :07/02/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/050553
Filing Date :07/02/2012
(87) International Publication No :WO 2012/107881
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TOMBA Claudio
2)ZUCCATO Massimiliano

(57) Abstract :
A hot rolling machine (1) for wire rods and the like which comprises a number of rolling units (2) that are arranged in cascaded to one after another along the wire rod feeding path (p) so that each rolling unit (2) can plastically deform the high temperature wire rod (b) that moves along said path (p); each rolling unit (2) being provided with: a rolling stand (3) that is arranged on the wire rod feeding path (p) and is provided with two counter rotating and opposed milling rollers (4) that are arranged one beside the other locally substantially parallel and substantially tangent to one another so as to form/delimit a rolling groove or throttling (4a) through which the wire rod (b) to be hot rolled is forced to pass; and a mechanical gear reduction unit (5) which is arranged beside the rolling stand (3) and is structured so as to be able to drive simultaneously in rotation the two rolls (4) about the respective longitudinal axes (L); the mechanical gear reduction unit (5) of each rolling unit (2) being structured so as to form with the corresponding rolling stand (3) a single sectional elementary module (2) that is structured for being aligned with other similar sectional elementary modules (2) along the wire rod feeding path (p) and for being mechanically coupled to the immediately adjacent sectional elementary modules (2) in so as to compose/form a catenary of rolling units (2 which are reciprocally connected so as to transmit torque in cascade from one another.

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6954/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHOD OF CHARACTERISING A NARROWING IN A FLUID FILLED TUBE

(51) International classification :A61B5/0215,A61B5/103,A61B5/02
(31) Priority Document No :1100136.9
(32) Priority Date :06/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050015
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093260
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DAVIES Helen Catherine Stuart
2)DAVIES Justin

(57) Abstract :
A system and method for characterising a narrowing in a fluid filled tube the system comprising: a probe having a first measurement sensor to take an instantaneous measurement at different locations along the tube; a mechanism to draw the probe through the tube; a position measure to provide location data relating to the location at which a respective instantaneous measurement is taken by the first measurement sensor; a processor to calculate from the instantaneous measurements a characteristic of the tube at different locations along the tube.

No. of Pages : 30 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6443/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ORAL CARE IMPLEMENT WITH FLUID APPLICATOR AND METHOD OF ASSEMBLING THE SAME

(51) International classification :A61C17/22,A46B11/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/023346
Filing Date :01/02/2011
(87) International Publication No :WO 2012/105961
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JIMENEZ Eduardo
2)KENNEDY Sharon

(57) Abstract :
An oral care implement e.g. toothbrush having a wick applicator and a method of assembling the same is disclosed. The implement includes a head a handle connected to the head by a neck portion and a recess. The recess is arranged for receipt of the wick applicator. The handle includes an internal fluid reservoir holding a fluid in communication with the recess. The wick applicator is arranged to enable a fluid to pass therethrough by capillary action and has a first end portion and a second end portion. The second portion of the wick applicator comprises at least one projection for engaging at least one cooperating portion of the recess to secure the wick applicator in the recess at an operative position whereupon the wick applicator is in fluid communication with the fluid in the reservoir.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6444/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BILL HANDLING DEVICE FOR COPING WITH TRANSPORT FAILURE AND FAILURE RECOVERY START METHOD

(51) International classification :G07D9/00
(31) Priority Document No :2011000304
(32) Priority Date :05/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/006782
Filing Date :05/12/2011
(87) International Publication No :WO 2012/093438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)NISHIWAKI Junji
3)YASUEDA Toru
4)HORIBA Yoshio

(57) Abstract :
The present invention has the objective of a bill handling device which prevents forgetting of removal of re sidual bills at the time of occurrence of a transport failure and which achieves short ening of recovery time. The bill handling device as laid out in the present invention is characterized in having: a bill transport path which passes through a bill discrimin ation unit and connects a deposit/withdraw al opening, a temporary storage unit, and a bill holding unit; and a plurality o f detec tion means for detecting positional informa tion of a transported bill; wherein bills are transported on the basis of distinction in formation related to the denomination and authenticity determined at the bill distinc tion unit, and distinction information of the bill, specific information of the bill, and po sitional information of the bill are associ ated together and stored in the storage unit soastobe displayed upon a display unit.

No. of Pages : 42 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6960/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CASE BASE AND BOX FOR PROTECTING JEWELS WATCHES AND VALUABLE OBJECTS

(51) International classification :A45C11/16,A45F5/00,A45C13/18
(31) Priority Document No :1150939
(32) Priority Date :04/02/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050234
Filing Date :02/02/2012
(87) International Publication No :WO 2012/104562
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)COUNAS Pascal Daniel

(57) Abstract :
The invention relates to a case (1600) for protecting valuable objects provided to be carried by a living being, comprising: - a bottom portion (1604), and a lid portion (1602) between them 10 defining at least one compartment (1606) for receiving one or more objects to be protected, - closure means (1610) of the lid portion with the bottom portion, - so-called external attachment means (1630) of said case (1600) around a part of the body of a person. 15 said case (1600) comprising moreover, on at least one of the outer walls of the bottom portion or of the lid portion, a so-called connecting shape (1646), provided for securely connecting or engaging said case (1600) on a base provided for this purpose.

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6961/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METAL STRUCTURE WITH HEAVY DUTY CORNER ELEMENTS

(51) International classification :H02B1/01
(31) Priority Document No :16770
(32) Priority Date :10/07/2012
(33) Name of priority country :Sri Lanka
(86) International Application No :PCT/IB2012/055242
Filing Date :01/10/2012
(87) International Publication No :WO 2013/072788
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KAHATAPITIYA ALGAMA Nadie

(57) Abstract :
This invention refers to a metal structure embodiment with heavy duty axial corner modules and adjustable structural members. This structure possesses extremely good load bearing properties due to the heavy duty axial corner modules. Therefore a lifting mechanism can be deployed to safely transport these items from the lifting hooks placed at the corner modules. The structural members have threaded holes to which the adjustable structural members can be connected with the aid of a rectangular metal block and a plastic stripe in a highly user friendly methodology which also ensures higher stability in the process of attachment. This can be utilized especially for plate enclosed switch boards cabinets and control devices for electric assembly. An extension of this design can also be utilized in the making of Control Board Consoles/Desks having angular tops and similar designs of that nature.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6396/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NON LINEARITY CALIBRATION USING AN INTERNAL SOURCE IN AN INTELLIGENT ELECTRONIC DEVICE

(51) International classification :G01R35/04
(31) Priority Document No :13/011646
(32) Priority Date :21/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021872
Filing Date :19/01/2012
(87) International Publication No :WO 2012/108993
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BANDSMER Michael D.

(57) Abstract :
An intelligent electrical power meter with an internal calibration system for calibrating its analog to digital converter is disclosed. The analog to digital converter is coupled with at least one sensor which is operable to sense electrical energy in one or more conductors and output a corresponding electrical signal indicative thereof the analog to digital converter being operative to convert the electrical signal output by the sensor to at least one corresponding digital signal. Internal integral non linearity calibration using a relatively low cost low accuracy internal signal source is used obviating the need for costly external signal sources or measurement systems.

No. of Pages : 60 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6397/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF ASSEMBLING A BATTERY

(51) International classification :H01M10/04,H01M10/14,H01M10/18
(31) Priority Document No :1022043.2
(32) Priority Date :24/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/001768
Filing Date :23/12/2011
(87) International Publication No :WO 2012/085515
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MORGAN Adam
3)DAVIES Gavin

(57) Abstract :
A method of joining a substrate for a bipolar electrode of a bipolar battery to a frame for supporting the bipolar electrode for use in the bipolar battery includes the implanting of a thermoplastic material in the substrate. The substrate and the frame are then vibration welded together at a frequency in the range of 50 Hz to 1 kHz to melt the thermoplastic material. The melted thermoplastic material forms a continuous or substantially continuous loop around the substrate to join the substrate and the frame together. A bipolar battery comprising a substrate and a frame joined together by the method and a substrate for a bipolar electrode for use in the method are also described.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6966/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BENZODIOXANE INHIBITORS OF LEUKOTRIENE PRODUCTION

(51) International classification :C07D319/20,C07D405/10,C07D487/10
(31) Priority Document No :61/452329
(32) Priority Date :14/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028843
Filing Date :13/03/2012
(87) International Publication No :WO 2012/125598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)TURNER Michael Robert
9)ZHANG Qiang
10)ZHANG Qing

(57) Abstract :
The present invention relates to compounds of formula (I): wherein R1 to R3 A X and n are as defined herein. The compounds of formula (I) are useful as inhibitors of leukotriene A4 hydrolase (LTA4H) and treating LTA4H related disorder. The present invention also relates to pharmaceutical compositions comprising the compounds of formula (I) methods of using these compounds in the treatment of various diseases and disorders and processes for preparing these compounds.

No. of Pages : 121 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6967/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROTECTIVE IMPLEMENT METHOD OF MANUFACTURING SAME AND SHIELDED CONDUCTOR

(51) International classification :H02G3/04,H01B7/17,H05K9/00
(31) Priority Document No :2011041373
(32) Priority Date :28/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054212
Filing Date :22/02/2012
(87) International Publication No :WO 2012/117907
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ITANI Yasushi
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6)IZAWA Katsutoshi

(57) Abstract :
A protector 20 is configured to protect a portion of an electric wire 11 that is surrounded by a metal pipe 15 and connected to a device provided in a casing 16. The protector 20 protects the portion of the electric wire 11 extending from an end portion of the metal pipe 15 to an end portion of the casing 16. The protector 20 includes a tubular outer layer member 21, a tubular flexible shield member 23, a first fixing member 30A, and a second fixing j member 30B. The outer layer member 21 is made of flexible insulation and arranged to extend from the end portion of the metal pipe 15 to the end portion of the casing 16. The shield member 23 is arranged along an inner surface of the outer layer member 21 and provided integrally with the outer layer member 21. The shield member 23 is made of a conductive material. The first fixing member 30A is connected to a first connecting portion 23A of an inner surface of the shield member 23 to which the metal pipe 15 is to be connected. The second fixing member 30B is connected to a second connecting portion 23B of the inner surface of the shield

No. of Pages : 40 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6942/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOLD TOOL SYSTEM HAVING HEAT TRANSFER OBSTRUCTION

(51) International classification :B29C45/72
(31) Priority Document No :61/440881
(32) Priority Date :09/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023903
Filing Date :05/02/2012
(87) International Publication No :WO 2012/109117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BLAIS Paul R.

(57) Abstract :
A mold tool system (100) comprising: a manifold assembly (102); a plate assembly (104) defining a manifold receiving space (105) receiving the manifold assembly (102); a nozzle assembly (106); a nozzle locating assembly (108) positionally locating the nozzle assembly (106) relative to the manifold assembly (102) and to the plate assembly (104); and a heat transfer obstruction (110) being positioned between the plate assembly (104) and the nozzle locating assembly (108) the heat transfer obstruction (110) being configured to obstruct transfer of heat from the plate assembly (104) toward the nozzle locating assembly (108).

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6943/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ETHYLENE VINYL ALCOHOL BASED THERMOPLASTIC ELASTOMERS AND VULCANIZATES

(51) International classification :C08L23/08,C08L23/16,C08L23/22
(31) Priority Document No :13/039476
(32) Priority Date :03/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/063555
Filing Date :06/12/2011
(87) International Publication No :WO 2012/118546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JACOB Sunny

(57) Abstract :
Ethylene vinyl alcohol (EVOH) based thermoplastic elastomers (TPE) and thermoplastic vulcanizates (TPV) including a cured rubber dispersed therein and an EVOH rubber compatibilizer.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6944/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INCREASED TOLERANCE OF DHT ENABLED PLANTS TO AUXINIC HERBICIDES RESULTING FROM MOIETY DIFFERENCES IN AUXINIC HERBICIDE MOLECULAR STRUCTURES

(51) International classification	:A01N33/00,A01N33/12,A01N43/40
(31) Priority Document No	:61/430693
(32) Priority Date	:07/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/020414 :06/01/2012
(87) International Publication No	:WO 2012/094555
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)WRIGHT Terry R.
3)BRAXTON Leon B.
4)ROBINSON Andrew E.

(57) Abstract :
The present invention relates to a method of controlling undesirable vegetation in a field containing an auxin herbicide tolerant cotton crop by applying to the location where control is desired an effective amount of 2 4 DB.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6946/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STRUCTURAL IMPROVEMENT FOR MULTIFUNCTION CASUAL SHOE

(51) International classification :A43B13/22
(31) Priority Document No :13/005550
(32) Priority Date :13/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2012/070253
Filing Date :12/01/2012
(87) International Publication No :WO 2012/095007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHEN Ming Te

(57) Abstract :
A shoe includes a vamp, an insole, a flexible pad, a spike set, a mediate part and an outsole part. The flexible pad includes multiple slits and the spikes of the spike set are inserted into the slits. The combination of the flexible pad 11 and the spike set are connected to the mediate part and the insole is connected to the top of the combination by way of 10 injection molding. The vamp is connected to the mediate part and the outsole part is connected to the mediate part and the mediate part by way of injection molding. The flexible pad and the spike set protrude out from the underside of the outsole part. 14

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6947/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADJUSTABLE SHOE RACK STRUCTURE

(51) International classification :A47G25/80
(31) Priority Document No :13/004935
(32) Priority Date :12/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2012/070261
Filing Date :12/01/2012
(87) International Publication No :WO 2012/095010
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHEN Ming Te

(57) Abstract :
An adjustment shoes frame includes a top part, a bottom part and an adjustment device. The top part and the bottom part are pivotably connected to each other and the adjustment device is connected between the top and bottom parts to sect the desired angular distance betveen the top and bottom parts. The space required for the shoes frame can be 10 adjusted according to the purposes of the display of the shoes.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6948/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STRUCTURAL IMPROVEMENT FOR CONVENIENTLY REPLACEABLE AND ADJUSTABLE SHOE MANUFACTURING FIXTURE

(51) International classification	:A43D25/06,A43D25/16,A43D35/00
(31) Priority Document No	:13/004939
(32) Priority Date	:12/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CN2012/070255 :12/01/2012
(87) International Publication No	:WO 2012/095008
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)CHEN Ming Te

(57) Abstract :
A shoe mold set includes a mold, a movable block and an adjustment unit. The mold is connected to the movable block, and both are slidably between two rail members of the replacement unit. The 10 replacement unit is connected with the adjustment unit which is adjustably located between the top board and the bottom board of the replacement unit. The mold is micro-adjustable by operation of the adjustment unit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6949/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HEAT EXCHANGER WITH FOAM FINS

(51) International classification :F28F1/12,F28F13/00,F28F21/02
(31) Priority Document No :61/439562
(32) Priority Date :04/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023788
Filing Date :03/02/2012
(87) International Publication No :WO 2012/106606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAGURNY Nicholas J.
3)ELLER Michael R.
4)KLETT James W.

(57) Abstract :
Heat exchangers are described that employ fins made of a heat conducting foam material to enhance heat transfer. The foam fins can be used in any type of heat exchanger including but not limited to a plate fin heat exchanger a plate frame heat exchanger or a shell and tube heat exchanger. The heat exchangers employing foam fins described herein are highly efficient inexpensive to build and corrosion resistant. The described heat exchangers can be used in a variety of applications including but not limited to low thermal driving force applications power generation applications and non power generation applications such as refrigeration and cryogenics. The fins can be made from any thermally conductive foam material including but not limited to graphite foam or metal foam.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6970/DELNP/2013 A
(43) Publication Date : 12/12/2014

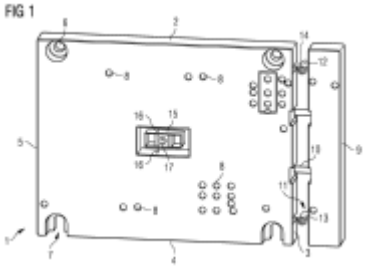
(54) Title of the invention : STAR DELTA WIRING IN PARTICULAR FOR A PROTECTIVE CIRCUIT ON A MOUNTING PLATE

(51) International classification :H01H50/04,H01H51/00
(31) Priority Document No :10 2011 076 290.6
(32) Priority Date :23/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/057484
Filing Date :24/04/2012
(87) International Publication No :WO 2012/159835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BODENMEIER Martin
2)H„NSCH Daniel

(57) Abstract :
The invention relates to a star delta wiring in particular for a protective circuit that is arranged on a mounting plate (1). The invention is characterized in that the mounting plate (1) is made of plastic.

FIG 1



No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6971/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD TO ENHANCE OPERATION OF CIRCULATING MASS REACTOR AND REACTOR TO CARRY OUT SUCH METHOD

(51) International classification	:F23C10/04,F23C10/08,F23C10/28
(31) Priority Document No	:20110017
(32) Priority Date	:24/01/2011
(33) Name of priority country	:Finland
(86) International Application No Filing Date	:PCT/FI2012/050057 :23/01/2012
(87) International Publication No	:WO 2012/101324
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)RUOTTU Seppo

(57) Abstract :
The object of the invention is a method for enhancing the operation of a circulating mass reactor (1) which circulating mass reactor (1) comprises a fluidized bed chamber (8) provided with a fluidized bed (108) means for separating fluidized material (80) from the flue gases and a return conduit system (15 16 19) including at least one cooled return conduit (15 16). In the method for the combustion of fuel taking place in the circulation mass reactor (1) is provided a lower combustion chamber (89) which comprises a fluidized bed chamber (8) and an upper combustion chamber (11) and a flow conduit (10) connecting them. The flow conduit (10) the means for separating the fluidized material (80) from the fuel gases and the return conduit system (15 16 19) are arranged to be located essentially between the lower combustion chamber (89) and the upper combustion chamber (11). The lower combustion chamber (89) and the upper combustion chamber (11) are dimensioned in such a way that the combustion of the fuel can be essentially completed before the discharge of the flue gases from the combustion chamber (11) whereupon the average delay time of the flue gases in the upper combustion chamber is most preferably 0.3 3.0 seconds. The fluidized material (80) is separated from the flue gases after the upper combustion chamber (11) and guided back to the fluidized bed chamber (8) through cooled return conduits (15 16) and an uncooled return conduit system (19) in the desired ratio.

No. of Pages : 42 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6972/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONVEYOR BELT AND MODULE WITH MAGNETS

(51) International classification :B65G21/20
(31) Priority Document No :61/436667
(32) Priority Date :27/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020868
Filing Date :11/01/2012
(87) International Publication No :WO 2012/102857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BOGLE David W.

(57) Abstract :
A modular radius conveyor belt having magnetic material in adjacent belt rows including magnets in selected rows of belt modules. Magnets in one belt row attract magnets or paramagnetic material in adjacent rows to prevent vibration between rows that could shake a conveyed article out of its preferred position or orientation on the conveyor belt.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6973/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GRADER

(51) International classification :B07B1/14,B07B1/15,B07B13/07
(31) Priority Document No :61/438048
(32) Priority Date :31/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020019
Filing Date :03/01/2012
(87) International Publication No :WO 2012/106055
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LAPEYRE Robert S.

(57) Abstract :
A roller type grader having adjustable widening gauging passages between consecutive rotating grader rollers (12) and an associated method for adjusting the gauging passages. A drive (70) rotates all the rollers (12) in the same direction on their axes. The ends of the rollers at each end are rotatably and pivotally suspended from adjustment yokes (78) that are movable laterally in unison along tracks (82) by an adjustment shaft (84). Positioning the yokes (78) positions the ends of the rollers (12) relative to each other. Minimum and maximum widths of the gauging passages at opposite ends of the rollers are adjusted by rotating the adjustment shafts.

No. of Pages : 21 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6974/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VALVE FOR AN AEROSOL CONTAINER

(51) International classification :B65D83/46,B65D83/48,F16K1/30
(31) Priority Document No :11152417.9
(32) Priority Date :27/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/050897
Filing Date :20/01/2012
(87) International Publication No :WO 2012/101061
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DHAENENS Herman
2)DEMEY Jordi
3)CLAERBOUT Koen
4)ALDERWEIRELDT Matthias

(57) Abstract :
The present invention concerns a valve suitable for dispensing moisture reactive liquids comprising (a) A valve cup (3) for tightly closing the container comprising a through opening and a first annular fold (3C) of diameter D forming a groove in a first inner surface (3in) and a rib in a second outer surface (3out); (b) A resilient grommet (2) extending on both side of the cup trough the cup opening and (c) A valve stem (1) comprising a hollow tubular portion (1A) defining a central bore (1C) said valve stem snugly fitting in the grommet central bore and extending on both sides of the grommet (2) with a first end opening to ambient and a second opposite end being closed by a circular end base (1B) of diameter greater than the diameter of the bore of the grommet (2) wherein the upper surface of the base (1B) is suitable for sealing against the lower surface of the grommet flange (2 B); the upper surface of the flange portion (2B) of the grommet mating the geometry of the first inner surface (3in) of the cup (3) including the portion (2C) of the grommet mating the groove formed by the fold (3C).

No. of Pages : 20 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6884/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOCK ASSEMBLY WITH MOVABLE ELEMENT

(51) International classification :E05B27/00,E05B35/00
(31) Priority Document No :211697
(32) Priority Date :13/03/2011
(33) Name of priority country :Israel
(86) International Application No :PCT/US2012/028669
Filing Date :11/03/2012
(87) International Publication No :WO 2012/125512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KLEIN David
(72)**Name of Inventor :**
1)BEN AHARON Effi

(57) Abstract :
A lock assembly (10) including a plug (12) having a keyway (14) for inserting therein a key (16) the plug (12) arranged for movement in a bore (18) formed in a lock body (20) along a shear line (24) defined between an outer perimeter of the plug (12) and an inner perimeter of the bore (18) and at least one movable element (26 28) slidingly disposed in an opening formed in the plug (12) wherein insertion of the key in the keyway (14) without movement of the plug (12) in the lock body (20) does not align the at least one movable element (26 28) with the shear line (24) but movement of the plug (12) in the lock body (20) with the key (16) inserted in the keyway (14) aligns the at least one movable element (26 28) with the shear line (24).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6885/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POLYMER ENCAPSULATED TITANIUM DIOXIDE PARTICLES

(51) International classification :C09C1/36
(31) Priority Document No :61/463782
(32) Priority Date :23/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026047
Filing Date :22/02/2012
(87) International Publication No :WO 2012/116025
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BROMM Karl Allen

(57) Abstract :
The present invention relates an aqueous dispersion of low TG polymer encapsulating TiO2 particles and a process for preparing the dispersion. The encapsulating polymer is a (meth)acrylate polymer a styrene acrylate copolymer or a vinyl acetate (meth)acrylate copolymer or a combination thereof and the encapsulating polymer further contains units of sodium styrene sulfonate. The present invention provides encapsulated TiO2 particles with low gel that are film forming at ambient temperatures especially for coatings applications.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6886/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITION AND METHOD FOR REMOVING FILTER CAKE

(51) International classification :C09K8/28,C09K8/524,C09K8/528
(31) Priority Document No :13/028963
(32) Priority Date :16/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023987
Filing Date :06/02/2012
(87) International Publication No :WO 2012/112328
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SMITH Kern
2)WANG Xiaolan

(57) Abstract :
An embodiment of the present disclosure is directed to a well servicing fluid emulsion. The well servicing fluid is formulated with components comprising an ester of an organic acid for which the pK of the organic acid is less that 0; an aqueous based fluid and an emulsifier. The ester is dispersed in the aqueous based fluid to form the well servicing fluid emulsion.

No. of Pages : 22 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6887/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IN WHEEL MOTOR DRIVE DEVICE

(51) International classification :B60K7/00,B60B35/14,F16C19/18
(31) Priority Document No :2011010452
(32) Priority Date :21/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050299
Filing Date :11/01/2012
(87) International Publication No :WO 2012/098957
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SUZUKI Minoru
3)YAMAMOTO Ken

(57) Abstract :
An object of the present invention is to provide an in-wheel motor driving device which has a deceased axial dimension and 5 includes aluminum alloy housings having a minimum wall thickness for reduced weight while retaining good I assemblability. An in-wheel motor driving device includes: a motor section A which has an output shaft 24a; a wheel hub bearing section C; and a speed reducer section B which connects 10 the output shaft 24a of the motor section A and the wheel hub bearing section C coaxially with each other. A housing outer circumferential portion of the motor section A and a housing outer circumferential portion of the speed reducer section are integral with each other, being provided by one, outer 15 circumferential member 22a. An outboard-side end member 22c is fixed to an outboard-side end of the outer circumferential member 22a by means of bolts 61, and the wheel hub bearing section C has its fixing ring 33 fixed to the outboard-side end member 22c.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6888/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TIRE CHIP AND TEAR TEST APPARATUS AND METHOD

(51) International classification :G01M17/02,G01N3/56
(31) Priority Document No :13/025240
(32) Priority Date :11/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024390
Filing Date :09/02/2012
(87) International Publication No :WO 2012/109399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YURJEVICH Martin A.
2)STALNAKER David O.

(57) Abstract :
A tire testing apparatus that includes a test drum and at least one tire station. The test drum has an outer radial surface and a plurality of sectioned plates having outer radial test surfaces wherein the plurality of sectioned plates mount on the outer radial surface of the test drum. The tire testing apparatus further includes at least one tire station having a selected tire with a tread wherein the tread of the selected tire presses against the outer radial test surface of the plurality of sectional plates and wherein the at least one tire station applies a force against the tread of the selected tire. Further a tire testing method includes providing a selected tire having a circumferential tread and moving the selected tire against a rotating test drum having a plurality of sectional plates having a test surface. Further the method includes maintaining contact between the selected tire and the plurality of sectional plates for a selected period of time moving the selected tire away from the test drum and evaluating the tread for wear.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6876/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONNECTOR COUNTER CONNECTOR AND CONNECTOR ASSEMBLY WITH CLAMP SURFACES AND FIXATION MEANS

(51) International classification :H01R13/639
(31) Priority Document No :10 2011 002 794.7
(32) Priority Date :17/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050181
Filing Date :06/01/2012
(87) International Publication No :WO 2012/098025
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BUCK Carsten

(57) Abstract :
The invention relates to a plug type connector (1) a counter connector (2) and a plug type connector arrangement (29). In order to protect a contact position (P) of the plug type connector (1) against undesirable displacement relative to the counter connector (2) of the plug type connector arrangement (29) without undesirable forces occurring there is provision according to the invention for the plug type connector (1) and the counter connector (2) to have clamping faces (6 13) which extend transversely relative to a connection direction (V) and which are clamped to each other via a fixing means (10).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6877/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR DAMPING A GAS TURBINE BLADE AND VIBRATION DAMPER FOR IMPLEMENTING SAME

(51) International classification :F01D5/22,F01D5/26,F01D5/30
(31) Priority Document No :1150042
(32) Priority Date :04/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/053067
Filing Date :20/12/2011
(87) International Publication No :WO 2012/093217
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BEAUCOUESTE Michel Fran§ois Lon

(57) Abstract :
The invention relates to providing a turbine wheel with optimal-mass dampers capable of damping a predetermined resonance in the context of the vibration of a turbine, particularly a low-speed turbine, while assisting in the flexibility of adapting to the bearing surfaces of the recesses of the dampers. To this end, the invention involves separating the mass and flexibility functions by means of a flexible portion for clamping against the platform, and a mass portion for controlling frictional forces. A damper (2) according to the invention specifically comprises a plate (10) and a counterweight (12). The plate (10) is stamped from a metal sheet that is substantially thinner than that of the counterweight (12). The plate (10) has a wall (101) capable of flexibly contacting a platform of the blade of the wheel, while at least partially surrounding a surface (121) of the countenweight (12). The invention can be used in particular for the wheel of the turbine of a turbine engine, of a fan, or of a BP compressor having mounted blades.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6878/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STRAIN BALANCED LASER DIODE

(51) International classification :H01S5/32,H01S5/343
(31) Priority Document No :13/029723
(32) Priority Date :17/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023560
Filing Date :02/02/2012
(87) International Publication No :WO 2012/118593
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SIZOV Dmitry Sergeevich
3)ZAH Chung En

(57) Abstract :
According to the concepts of the present disclosure laser diode waveguide configurations are contemplated where the use of Al in the waveguide layers of the laser is presented in the form of InGaN/ Al(In)GaN waveguiding superstructure (20) comprising optical confining wells (22; InGaN) and strain compensating barriers (24; Al(In)GaN). The composition of the optical confining wells (22) is chosen such that they provide strong optical confinement even in the presence of the Al(In)GaN strain compensating barriers (24) but do not absorb lasing emission. The composition of the strain compensating barriers (24) is chosen such that the Al(In)GaN exhibits tensile strain that compensates for the compressive strain of InGaN optical confinement wells (22) but does not hinder the optical confinement.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6879/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OPTICAL INCOUPLING FOR TOUCH SENSITIVE SYSTEMS

(51) International classification :G06F3/042
(31) Priority Document No :11500717
(32) Priority Date :02/02/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050086
Filing Date :30/01/2012
(87) International Publication No :WO 2012/105893
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CRAVEN BARTLE Thomas
2)BERGSTR–M Hkan

(57) Abstract :
A touch sensitive apparatus comprises a light transmissive panel (1) an illumination arrangement and a detection arrangement. The illumination arrangement is configured to couple light into the panel (1) via an incoupling site (5B) such that the light propagates by total internal reflection (TIR) in opposite top and bottom surfaces (4 5) of the panel and such that an object touching the top or bottom surface (4 5) causes a change in the propagating light. The detection arrangement comprises a light detector arranged to detect the change in the propagating light. A compact and robust incoupling site (5B) is defined by a sheet like micro structured surface portion (22) which is fixedly arranged on one of the top and bottom surfaces (4 5) and configured to transmit light having an angle of incidence that enables light propagation by TIR inside the panel (1). The surface portion (22) may be integrated in the panel or implemented by a thin and flexible film (20) of light transmissive plastic material formed with the micro structured surface portion and adapted for attachment to the top or bottom surface (4 5).

No. of Pages : 26 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6923/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ARTIFICIAL EYES AND MANUFACTURE THEREOF

(51) International classification :A61F2/14,B29C67/00
(31) Priority Document No :1100081.7
(32) Priority Date :05/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050010
Filing Date :05/01/2012
(87) International Publication No :WO 2012/093257
(61) 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 MANCHESTER METROPOLITAN UNIVERSITY
Address of Applicant :All Saints Building All Saints Manchester M15 6BH U.K.
(72)**Name of Inventor :**
1)GREEN Lewis
2)FRIPP Thomas George
3)GILL Lesley Elizabeth

(57) Abstract :
A method of manufacturing an artificial eye (10) for fitting as a whole or partial replacement of a patient s original eye the method comprising the steps of: a) providing a digitally acquired image (22) of an iris; and b) transferring the image to a substrate comprising at least the frontal region of an artificial eye.

No. of Pages : 23 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6924/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TWO STAGE DEPLOYMENT ANEURYSM EMBOLIZATION DEVICES

(51) International classification :A61B17/12
(31) Priority Document No :61/441845
(32) Priority Date :11/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024747
Filing Date :10/02/2012
(87) International Publication No :WO 2012/109606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BECKING Frank P.
2)HALDEN Sterling
3)DIECK Martin S.
4)DEBEER Nicholas C.
5)RVALACABA Teresa
6)LUNDKVIST Andre

(57) Abstract :
Embolic implants delivery systems and methods of manufacture and delivery are disclosed. The subject implants are deployed in two stages. If sized properly as observed in the first stage they are deployed to the second stage and detached. If not sized properly in/at the first stage the implants are designed to be withdrawn and replaced with a more appropriately sized implant or another treatment option selected. Some of the implant configurations may be withdrawn even after the second stage deployment as well.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6978/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHOD OF ASSESSING A NARROWING IN A FLUID FILLED TUBE

(51) International classification :A61B5/021,A61B5/02,A61B5/0215
(31) Priority Document No :1100137.7
(32) Priority Date :06/01/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050024
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093266
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEDSOLVE LIMITED
Address of Applicant :78A Talbot Road London N6 4RA U.K.
(72)**Name of Inventor :**
1)DAVIES Helen Catherine Stuart
2)DAVIES Justin

(57) Abstract :
An apparatus and method of assessing a narrowing in a fluid filled tube having a fluid flow pressure wave having a backward originating pressure component and a forward originating pressure component without taking a flow velocity measurement comprising: taking pressure measurements in the tube; separating the pressure components into the backward originating pressure component and the forward originating pressure component; identifying a time window when the differential of flow velocity (dU) is minimal or absent; and deriving the backward and forward pressure components for pressure measurements taken in at least the time window.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.712/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A MEDIUM FOR NANO-FINISHING OF COMPLEX COMPONENT'S INTERNAL/EXTERNAL SURFACES AND A METHOD FOR PREPARATION THEREOF

(51) International classification :F16S
(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)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
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(72)**Name of Inventor :**
1)M RAVI SANKAR
2)V. K. JAIN
3)J RAMKUMAR

(57) Abstract :
A medium for nano-finishing of complex components internal/ external surfaces and a method for preparation thereof. This invention relates to a medium for nano-finishing of complex components internal/external surfaces and a method for preparation thereof comprising of 10-40% base polymer, 1-15% of platicizer, 1-10% of softener and 10-75% of abrasive particles. Further, this invention also relates to a method for preparing a medium for nano-finishing of complex components internal/external surfaces comprising steps of:- mixing of softener with plasticizer to obtain a gel followed by mixing with base polymer for a soft medium composition.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.718/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL PHYTO-PHARMACEUTICAL FUNCTIONAL SUPPLEMENT FOR GOOD GENERAL HEALTH AND PROCESS FOR THE PREPARATION THEROF

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

(71)**Name of Applicant :**
1)AMITY UNIVERSITY
Address of Applicant :AMITY UNIVERSITY-UP, SECTOR-125, NOIDA-201303, UP, INDIA
(72)**Name of Inventor :**
1)DHAN PRAKASH
2)CHARU GUPTA

(57) Abstract :
The present invention provides a functional supplement useful for good general health, enhanced stamina and overall feeling of well being. Wherein the said formulation comprises extracts obtained by process from fruits of Annona sqamosa (Sharifa, custurd apple, Annonaceae), fruits of Artocarpus lakoocha (Barhal, Monkey Jack, Moraceae), aerial parts of Callistemon citrinus (Bottlebrush, Myrtaceae), aerial parts of Rhododendron griffithianum (Ericaceae) and aerial parts of Caesalpinia bonducella (Caesalpiniaceae). The herbal supplement reduces oxidative stress and associated disorders.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6968/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HYDRODYNAMIC RETARDER

(51) International classification :B60T10/02,F16D57/04
(31) Priority Document No :10 2011 010 555.7
(32) Priority Date :07/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/005824
Filing Date :18/11/2011
(87) International Publication No :WO 2012/107062
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JAEGER Martin
2)FETZER Friedrich
3)HUTH Tilman

(57) Abstract :
The invention relates to a hydrodynamic retarder, comprising a driven primary blade wheel and a secondary blade wheel which form a toroidal working chamber with one another in order to transmit torque hydrodynamically from the primary blade wheel to the secondary blade wheel, wherein said working chamber can be filled with working medium via an inlet and can be emptied via an outlet. The invention is characterised by the following features: with an adjusting device for the permanent variable setting of the flow cross-section for working medium of the hydrodynamic retarder flowing out via the outlet and/or flowing in via the inlet, said adjusting device comprising a manually I movable or deformable adjusting member which variably delimits the flow cross-section for working medium out of and/or into the working chamber; wherein in the region of the outlet or when viewed in the flow direction of the working medium the adjusting member is disposed between the working chamber and the outlet and/or in the region of the inlet or when viewed in the flow direction of the working medium the adjusting member is disposed between the inlet and the working chamber; wherein flow cross-section set by the adjusting member is constant during operation of the hydrodynamic retarder.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.723/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MAGNETIC ONE-WAY CLUTCH

(51) International classification :F16D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GUPTA, SHISHIR

(57) Abstract :
Described herein is a magnetic one-way clutch assembly comprising a pair of annular-shaped, relatively rotatable members (105, 110) one enclosing the other with space therebetween, at least a coil (115) wound around an outer (105) of the relatively rotatable members, wherein the coil is adapted to carry electric current therethrough, plurality of circumferentially extending slots (120) provided on an inner (110) of the relatively rotatable members, wherein each slot is capable of accommodating a metallic core (125); and a locking plate (305) placed at a distance from the inner and in front of outer free surfaces (125□) of the metallic cores, wherein the locking plate is mounted on a driven member.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.729/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTOMATION FRAMEWORK ON CLOUD

(51) International classification :G06Q
(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 :**
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Address of Applicant :CRESTECH SOFTWARE SYSTEMS PVT. LTD. A-68 SEC-II NOIDA-201301 Uttar Pradesh India
(72)**Name of Inventor :**
1)PANKAJ GOEL
2)LALIT JAIN
3)AVINASH TIWARI
4)PALLAVI SHARMA

(57) Abstract :
The present invention relates to a solution architecture on cloud wherein using any automation tool provides a complete, code less solution for test design, maintenance and execution. One uses a fusion of test automation tools across platforms, leveraging the capabilities of the individual tool(s) to achieve a state of complete test automation and at the same time reducing the overall test automation effort required to achieve seamless automation of any application under test; thereby providing a scalable; reliable and extensible solution. The invention further relates to a process of automation testing by a seamless integration of plurality of tools across multiple platforms for automation of a complex application.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2013

(21) Application No.7332/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUBSTITUTED 4 ARYL N PHENYL 1 3 5 TRIAZIN 2 AMINES

(51) International classification :C07D251/12,C07D401/04,C07D405/10
(31) Priority Document No :11162996.0
(32) Priority Date :19/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/057088
Filing Date :18/04/2012
(87) International Publication No :WO 2012/143399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SCHOLZ Arne
4)SIEMEISTER Gerhard
5)GNOTH Mark Jean
6)B–MER Ulf
7)RHTER Gerd
8)SCHULZ FADEMRECHT Carsten
9)KOSEMUND Dirk
10)LIENAU Philip

(57) Abstract :
The present invention relates to substituted 4 Aryl N phenyl 1 3 5 triazin 2 amines of general formula (I) as described and defined herein and methods for their preparation their use for the treatment and/or prophylaxis of disorders in particular of hyper proliferative disorders and/or virally induced infectious diseases and/or of cardiovascular diseases. The invention further relates to intermediate compounds useful in the preparation of said compounds of general formula (I).

No. of Pages : 170 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.717/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMROVED ANTITHEFT SYSTEM AND METHOD FOR VEHICLES

(51) International classification :B60R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)R.K. TYAGI
2)RAVI RANJAN

(57) Abstract :
An improved antitheft system and method for vehicles The present invention provides an improved antitheft system in which along with the central lock, air intake manifold is also locked with the help of a leaf shutter. The shutter is used to control the opening and closing of air intake system. Opening and closing of shutter is controlled by central locking. When central locking is in locked position, leaf shutter remains closed and doesnt let the vehicle start.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.730/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AFFORDABLE IN HOUSE MODULAR PLANETARIUM

(51) International classification :B42B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AKSHAT SINGHAL
2)NIDHI PASHINE
3)SHUBHAM GUPTA

(57) Abstract :
In-house modular planetarium having 3-V geodesic structure This invention relates to In-house modular planetarium having 3-V geodesic structure comprising a plurality of hubs connected to a number of struts forming a geodesic dome, which is covered by means of a cloth.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.732/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EXITALL, THE INTENSIVE CARE UNIT VENTILATOR AIR REMOVAL SYSTEM (ICUVARS)

(51) International classification :A61B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DR. DINESH KUMAR SINGH
(72)**Name of Inventor :**
1)DR. ANKIT AGARWAL
2)DR. DINESH KUMAR SINGH

(57) Abstract :
In hospital ICUs, mechanical ventilators are used to provide artificial breathing to patients. The patients usually have infection in lungs and exhale foul and infected air. This exhaled air is released into the immediate surroundings. Since ICUs are airconditioned and closed spaces, this foul air poses a risk for other patients and the medical personnel. No method has been described in literature about control of such factor. We have devised a simple equipment which can expel such foul air out both actively and passively at the same time with control of pressure so that it does not interfere with functioning of ventilator to which it is attached. It also has audible and visual alarms so as to indicate the working mode of the machine and to notify any possible malfunction.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.733/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HERBAL NUTRACEUTICAL FORMULATION FOR MALNUTRITION IN WOMEN AND A PROCESS FOR PREPARING THE SAME

(51) International classification :A23L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. PRADEEP SRIVASTAVA
2)JAI KUMAR MANSHARAMANI

(57) Abstract :
A herbal nutraceutical formulation for malnutrition in women comprising: 10-20% of Phyllanthus emblica, 30-40% of Moringa olifera, 20-30% of Asparagus officinalis, and 30-45% of Spirulina.

No. of Pages : 17 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.735/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HERBAL NUTRACEUTICAL FORMULATION FOR CHRONIC FATIGUE SYNDROME AND PROCESS FOR PREPARING THE SAME

(51) International classification	:A23L	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)NUTRACEUTICALS RESEARCH & TESTING CENTRE PRIVATE LIMITED**
(32) Priority Date	:NA	Address of Applicant :19- SFS, DDA FLATS, NITI BAGH, DELHI-110049 Delhi India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)DR. PRADEEP SRIVASTAVA,**
Filing Date	:NA	**2)JAI KUMAR MANSHARAMANI,**
(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 herbal nutraceutical formulation for chronic fatigue syndrome comprising: 50 to 100 mg Tinosporacordifolia, 100-150 mg Sidacordifolia, 100-200 mg Withaniasomnifera, and 50-100 mg Ocimumtenuiflorum.

No. of Pages : 14 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.736/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HERBAL NUTRACEUTICAL FORMULATION FOR ANTI-OBESITY AND A PROCESS FOR PREPARING THE SAME

(51) International classification :A23L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DR. PRADEEP SRIVASTAVA
2)JAI KUMAR MANSHARAMANI

(57) Abstract :
A Nutraceutical formulation for antiobesity comprising: 20-30% of Achyranthus aspera 20-40% of Cyperus rotundus and 40-60% of Amorphophallus konjac.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.738/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR PREPARATION OF 1-BENZYL-4-[(5,6-DIMETHOXY-1-INDANON-2-YL)METHYL] PIPERIDINE HYDROCHLORIDE

(51) International classification :C07F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SHEKHAWAT, RAJENDRA SINGH
3)RANA, PARDEEP SINGH
4)AGARWAL, ASHUTOSH
5)VIR, DHARAM

(57) Abstract :
The present invention relates to a process for the preparation of acetylcholinesterase inhibitor (anti-AchE). More particularly, the present invention relates to a cost effective and industrially efficient process for the preparation of l-benzyl-4-[(5,6-dimethoxy-l-indanon-2- yl)methyl]piperidine hydrochloride.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6398/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHARMACEUTICAL FORMULATION FOR TOPICAL ADMINISTRATION COMPRISING B220

(51) International classification	:A61K31/4985,A61P31/22,A61K9/00
(31) Priority Document No	:11154979.6
(32) Priority Date	:18/02/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/052763 :17/02/2012
(87) International Publication No	:WO 2012/110631
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)VIRONOVA AB
Address of Applicant :Gvlegatan 22 S 113 30 Stockholm Sweden
(72)**Name of Inventor :**
1)HOMMAN Mohammed
2)BERGMAN Jan

(57) Abstract :
A pharmaceutical composition for topical administration comprising 2 3 dimethyl 6 (N N dimethylaminoethyl) 6H indolo (2 3 b)quinoxaline (B 220) or a pharmaceutically acceptable salt thereof in a pharmaceutically acceptable carrier. The composition is useful for the treatment of herpes virus infections of the skin or mucous membranes in a mammal subject.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6399/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SENSOR DEVICE FOR SENSING BODY FLUID DENSITY AND/OR MEMBRANE RESISTANCE

(51) International classification :A61B5/145,G01N9/00
(31) Priority Document No :20110070
(32) Priority Date :12/01/2011
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2012/000003
Filing Date :12/01/2012
(87) International Publication No :WO 2012/096582
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ELLINGSEN Olav
2)ELLINGSEN Bjarte S¸reb¸

(57) Abstract :
The present invention relates to a sensor device for measuring tensile variation against a membrane separating a liquid such as the skin on humans and animals and any other membrane separating a liquid on one of its sides.

No. of Pages : 30 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.737/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DROSPIRENONE VIA NOVEL INTERMEDIATES

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

(71)**Name of Applicant :**
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Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-201 301, UP, INDIA
(72)**Name of Inventor :**
1)MISHRA VAIBHAV
2)SHATRU AJAT
3)CHOUDHARY ALKA SRIVASTAVA
4)VIR DHARAM
5)AGARWAL ASHUTOSH

(57) Abstract :
The present invention discloses a process for the preparation of drospirenone, which is eco-friendly, industrially feasible, safe and cost-effective. The present invention further provides novel intermediates, process for their preparation and their use for the preparation of drospirenone.

No. of Pages : 24 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.739/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMPROVED PROCESS FOR THE PREAPARATION OF CITALOPRAM AND ITS ACID ADDITION SALTS

(51) International classification :C07G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-201301, UP, INDIA
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1)JAIN, SANDEEP
2)SHEKHAWAT, RAJENDRA SINGH
3)TIWARI, RAKESH
4)RANA, PARDEEP SINGH
5)AGARWAL, ASHUTOSH
6)VIR, DHARAM

(57) Abstract :
The present invention relates to improved processes for the preparation of citalopram and its acid addition salts, specifically citalopram hydrobromide, which involves subjecting 5-cyanophthalide to two successive Grignard reactions with 4-fluorophenyl magnesium bromide and N,Ndimethylaminopropylmagnesium halide in presence of methyl tetrahydrofuran as solvent system. The present invention also provides improved processes for the preparation of highly purified citalopram hydrobromide through single Grignard or double Grignard routes involving the use of chlorinated solvent during the final workup stages for the preparation of citalopram hydrobromide.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.740/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF S-BENZOYL MAG3

(51) International classification :C07G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KK VIJAYA RAJ
2)BISWAS SUJAY
3)VIR, DHARAM
4)AGARWAL ASHUTOSH

(57) Abstract :
A process for the preparation of S-Bz-MAG3 (I) from compound of formula (IX) comprising the steps of: (i) treating compound of formula (IX) with a reagent in presence of suitable solvent to obtain compound of formula (XIII);

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.741/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PREVENTION OF FORGERY OF WEB REQUESTS TO A SERVER

(51) International classification :G06Q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SIMON HUNT
2)BALBIR SINGH
3)NITIN MUNJAL
4)NITIN JAGLAN

(57) Abstract :
Technologies for prevention of forgery of a network communication request to a server include receiving the network communication request from a client. The network communication request may have a content parameter. Further, the method may include generating a session variable associated with the client. The method may also include appending a hash of the content parameter to the network communication 10 request to create a string of content parameters, and encrypting the string of content parameters. The method may include communicating portions of results of the network communication request to the client incorporating the encrypted string of content parameters. Furthermore, the method may include receiving an asynchronous request from the client. The asynchronous request may be associated with the 15 network communication request. The method may include, as a result of authenticating the asynchronous request, completing the network communication request.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6975/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SENSOR FOR VENOUS NETWORKS OF A PART OF A LIVING BODY

(51) International classification :A61B5/117,G06K9/20,G06K9/00
(31) Priority Document No :1152263
(32) Priority Date :18/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/053021
Filing Date :22/02/2012
(87) International Publication No :WO 2012/126691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MONTEILLIET Gilles
2)DARBOIS Matthieu
3)CRUCHAGA Michel
4)PICARD Sylvaine

(57) Abstract :
The present invention relates to a sensor (100) for venous networks of a part (50) of a living body comprising: an infrared illumination source (102) a waveguide (104) illuminated by said infrared illumination source (102) and having on one face (112) at least one extraction zone (106) intended for extracting the infrared rays (114) from said waveguide (104) in at least one main direction of extraction (116) an image acquisition means (108) placed opposite said face (112) so as to define between them a passage (118) by the inlet of which said part (50) of the living body can penetrate and comprising a sensitive component (110) the or each extraction zone (106) being such that the or each main direction of extraction (116) of said extraction zone (106) is oriented so as not to intercept said sensitive component (110).

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6976/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GENERATING JAM RELATED SEGMENT DATA

(51) International classification :G01C21/32,G01C21/34,G08G1/01
(31) Priority Document No :61/439011
(32) Priority Date :03/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/051801
Filing Date :02/02/2012
(87) International Publication No :WO 2012/104392
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOMTOM DEVELOPMENT GERMANY GMBH
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2)LORKOWSKI Stefan
3)WITTE Nikolaus
4)SCH„FER Ralf Peter

(57) Abstract :
A method of processing data relating to an electronic map the map comprising a plurality of segments representing navigable segments in the area covered by the map the method comprising using a processing apparatus to generate segment data and comprising the steps of: collecting historic travel data for the segment; defining a jam condition for the segment such that where the jam condition is satisfied the segment is classified as jammed and otherwise as not jammed; generating a jam probability for the segment according to the historic travel data and the jam condition definition; generating a jam speed for the segment using the historic travel data the jam speed being indicative of the speed on the segment when the segment is considered jammed; and associating the jam probability and the jam speed with the segment in the electronic map.

No. of Pages : 45 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6977/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF GENERATING EXPECTED AVERAGE SPEEDS OF TRAVEL

(51) International classification	:G01C21/32,G01C21/34,G08G1/01
(31) Priority Document No	:61/439011
(32) Priority Date	:03/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2012/051802 :02/02/2012
(87) International Publication No	:WO 2012/104393
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MIETH Peter
2)LORKOWSKI Stefan
3)WITTE Nikolaus
4)SCH„FER Ralf Peter

(57) Abstract :
A method of generating expected average speeds of travel across one or more segments in the area covered by an electronic map each segment representing a navigable segment in the area covered by the map and having associated therewith: an average speed of travel across that segment;segment data comprising at least one jam probability the jam probability indicating the likelihood of a jam on that segment; and a jam speed indicative of the speed of travel on that segment when it is considered jammed. The method comprises using the segment data to predict whether a jam condition exists on at least one or each of the segments; and outputting the expected average speed of travel across these segments as: a) a first speed where a jam condition is predicted to exist the first speed being the jam speed for the relevant segment or a speed based thereon or b) a second speed where a jam condition is not predicted the second speed being the average speed for the relevant segment or a speed based thereon.

No. of Pages : 47 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7695/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR GAS MEASUREMENTS IN A COMBUSTION CHAMBER

(51) International classification :F23N5/08,G01N21/65,G01N21/35
(31) Priority Document No :11502051
(32) Priority Date :08/03/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050254
Filing Date :07/03/2012
(87) International Publication No :WO 2012/121654
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VATTENFALL AB
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(72)**Name of Inventor :**
1)BADIEI Shahriar
2)BERG Magnus

(57) Abstract :
The present invention relates to a method for determining at least one gas condition at a location in a combustion chamber of a power plant or a combined heat and power plant by means of a laser pulse. The method comprises emitting (S1) the laser pulse into the chamber determining (S2) a first point of time at which the laser pulse is emitted into the chamber detecting (S3) laser light backscattered by gas molecules at the location in the chamber determining (S4) a second point of time at which the laser light backscattered by the gas molecules is detected determining (S5) the location based on the first point of time the second point of time and a pulse length of the laser pulse and determining (S5) the at least one gas condition at the location based on at least one characteristic of the backscattered laser light detected at the second point of time. A gas measurement system and a combustion system are also presented herein.

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6370/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INSESCTICIDAL COMPOSITION AND PROCESSES RELATED THERETO

(51) International classification :A01N43/16,A01P7/04
(31) Priority Document No :61/437137
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022811
Filing Date :27/01/2012
(87) International Publication No :WO 2012/103391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GOMEZ Luis Enrique
2)CASTANEDA Eswin
3)PANIAGUA Leonardo

(57) Abstract :
Insecticidal compositions comprising: (a) a biodegradable carrier; (b) an ammonium compound; (c) a protein source comprising one or more proteins; (d) a sugar source comprising one or more monosaccharides; (e) one or more insecticides; and (f) water; are disclosed as well as uses thereof.

No. of Pages : 13 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6371/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTROLLING MEALYBUGS

(51) International classification	:A01N57/16,A01N59/20,A01N59/18
(31) Priority Document No	:61/437027
(32) Priority Date	:28/01/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/022815 :27/01/2012
(87) International Publication No	:WO 2012/103393
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YADAV Mayank
2)RAMACHANDRAN Suresh
3)KUNDU Sanjoy

(57) Abstract :
The invention disclosed in this document concerns controlling mealybugs.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6373/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPREHENSIVE MONOCLONAL ANTIBODY GENERATION

(51) International classification :G01N33/53,C12Q1/68,C07K16/00
(31) Priority Document No :61/429004
(32) Priority Date :31/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067596
Filing Date :28/12/2011
(87) International Publication No :WO 2012/092376
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SHORT Jay M.

(57) Abstract :
The present invention relates to methods for efficiently generating recombinant monoclonal antibodies derived from B cells of a non human host which has been immunochallenged with one or more target antigens. The methods comprise the steps of identifying and isolating B cell that bind to the antigen by FACS and recombining and enriching for thousands of cells to create a B cell library. Related products and methods such as methods of producing expression libraries are also disclosed.

No. of Pages : 86 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6374/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF METHYL ACETATE/ACETIC ACID

(51) International classification :C07C51/12,C07C67/37,C07C53/08
(31) Priority Document No :11250091.3
(32) Priority Date :27/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2012/000068
Filing Date :24/01/2012
(87) International Publication No :WO 2012/101403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DITZEL Evert Jan

(57) Abstract :
A process for the production of methyl acetate and/or acetic acid by contacting a carbon monoxide containing gas and methanol and/or reactive derivatives thereof with a mordenite loaded with copper and silver loaded by ion exchange and subsequently regenerating the catalyst.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013

(21) Application No.761/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A LOW EMI WIDE FREQUENCY RANGE OSCILLATOR WITH AUTOMATIC DIGITAL AMPLITUDE CONTROL

(51) International classification :H03F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VAISHNAV, ROHIT

(57) Abstract :
An oscillator/amplifier has a gain controlled amplifier that maintains a desired oscillation waveform amplitude for all possible oscillation frequencies of operation. A peak detector produces a direct current (DC) voltage proportional to the oscillation waveform, and a voltage reference generator provides a reference voltage that is compared against the DC voltage from the peak detector. When the DC voltage is less than the reference voltage the gain of the amplifier is increased, and when the DC voltage is equal to or greater than the reference voltage the gain of the amplifier is decreased. A programmable voltage reference generator may also be used to provide for selection of different oscillation waveform amplitudes. A digital control loop controls the oscillation waveform amplitude over the entire possible frequency range of operation. Various frequency determining elements, e.g., crystal, piezoelectric resonator, inductor-capacitor tuned circuit, resistor-capacitor network, etc., may be used in combination with the oscillator/amplifier.

No. of Pages : 23 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7689/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR ACCURATELY DELIVERING CONTROLLED AMOUNTS OF VISCOUS FLUID TO A FLUID DELIVERY DEVICE

(51) International classification :G01F11/02,B65B3/00,B65B3/32
(31) Priority Document No :61/469910
(32) Priority Date :31/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031087
Filing Date :29/03/2012
(87) International Publication No :WO 2012/135423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BEEBE W. Scott

(57) Abstract :
A system (10) and method for accurately delivering controlled amounts of viscous fluid to one or more fluid delivery devices (31). There is a fluid reservoir (12) a variable volume fill chamber (18) and structure (171 173) that fluidly interconnects the reservoir (12) to the fill chamber (18). Valving (22) is used to channel fluid flow from the reservoir (12) to the fill chamber (18). There is a device (20) that dispenses fluid from the fill chamber (18). Valving (24) is used to channel fluid flow from the fill chamber (18) to a fluid delivery device (31). A controller (28) automatically controls operation of the device (20) that dispenses fluid from the fill chamber (18) and may also control operation of the valving (22 24).

No. of Pages : 29 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6962/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PAPER PROCESSING DEVICE PAPER SORTING DEVICE AND PAPER SORTING SYSTEM

(51) International classification :G07D9/00,G07D3/00,G07D7/00
(31) Priority Document No :2011060733
(32) Priority Date :18/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/077781
Filing Date :01/12/2011
(87) International Publication No :WO 2012/127741
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FUNAI Katsuyoshi
2)HAMASAKI Toshiya

(57) Abstract :
The objective of the present invention is to provide a paper processing device, a paper sorting device, and a paper sorting system capable of separating normal banknotes from defective banknotes. An automated teller machine is provided with a banknote processing unit for processing transactions of banknotes, at least one housing unit, a serial number reading sensor for recognizing the serial numbers of banknotes, a defective banknote detection sensor which assesses the defective level of banknotes on the basis of predetermined normal/defective assessment standard information, and a storage unit which stores the defective level information of the banknotes in association with the serial numbers of the banknotes with respect to each banknote, wherein the serial number information and the defective level information of each banknote are transferred to a banknote sorting device as information at the time of transaction processing, in response to the discharge of the housing unit.

No. of Pages : 71 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6963/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FILE SERVER DEVICE AND FILE SERVER SYSTEM

(51) International classification :H04L9/08,G09C1/00,H04L9/14
(31) Priority Document No :2011030813
(32) Priority Date :16/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053547
Filing Date :15/02/2012
(87) International Publication No :WO 2012/111714
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)YOSHIDA Takuya
2)OKADA Koji

(57) Abstract :
A reception means receives post-office boxs encrypted data, which is obtained by encrypting the data by using a post-office boxs public key, from the 5 sending apparatus. A re-encryption key storage means stores a re-encryption key used for re-encrypting the post-office boxs encrypted data into recipients encrypted data, which is obtained by encrypting the data using a recipients public key that is different 10 from the post-office boxs public key. A re-encryption means re-encrypts the received post-office boxs encrypted data to the recipients encrypted data using the re-encryption key stored in the re-encryption key storage means. A transmission means transmits the re- 15 encrypted recipients encrypted data to the receiving apparatus.

No. of Pages : 59 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6964/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRIC MOTOR

(51) International classification :H02K
(31) Priority Document No :2011033444
(32) Priority Date :18/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/000489
Filing Date :26/01/2012
(87) International Publication No :WO 2012/111259
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMADA Toshiaki

(57) Abstract :
In one embodiment, an electric motor. A first bracket is fixed to the first side of a stator core in an axial direction, and is fixed to first bearing housing. A second bracket is 5 fixed to the second side of the stator core, and is fixed to second bearing housing. The rotor includes a shaft rotatably supported by bearings, and an attached rotor core. Rotor core faces the inside of the stator core. A fan is attached to the shaft between the rotor core and the first housing. A flue formed between the first housing and the first bracket is configured to draw air from a port to a part of the first bracket. A rotation detection circuit includes a 10 detected part fixed to the fan, and is within the flue. A sensor operable to detect the part is set in the flue, counter to the detected part.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013

(21) Application No.770/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DATA LOOP DETECTION

(51) International classification :G06Q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DEVARAJAN, VENKATAVARADHAN

(57) Abstract :
Data loop detection can include receiving, from a network controller, a forwarding rule at a designated network device, forwarding a loop-detect unit, via the designated network device, utilizing the received forwarding rule, and determining if the loop-detect unit is received by the designated network device.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7700/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SN 1(3) MONOACYLGLYCERIDES AND LIPID ABSORPTION

(51) International classification :A61K31/23,A61K31/231,A61K31/232
(31) Priority Document No :11160929.3
(32) Priority Date :04/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056080
Filing Date :03/04/2012
(87) International Publication No :WO 2012/136659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CRUZ HERNANDEZ Cristina
3)DIONISI Fabiola
4)MASSEREY ELMELEGY Isabelle
5)OLIVEIRA Manuel
6)MOULIN Julie Cline

(57) Abstract :
The present invention relates generally to the field of lipids and in particular aims at improving lipid absorption for example under conditions of lipid maldigestion or malabsorption. One embodiment of the present invention relates to a composition comprising sn 1(3) monoacylglycerols wherein the sn 1 or sn 3 position is occupied by an acyl group such as a fatty acid and the sn 2 position remains unoccupied. The fatty acid may be one with anti inflammatory properties.

No. of Pages : 19 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.743/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MIGRATION ASSISTANCE USING COMPILER METADATA

(51) International classification :G06Q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHAKTHI KANNAN

(57) Abstract :
Systems and methods are migration assistance using compiler metadata. An example system includes a data module that receives data associated with a compiler. The data includes a set of rules associated with the compiler. The example system also includes an extraction module that extracts from the data, compiler metadata including the set of rules associated with the compiler. The example system further includes a database that stores the compiler metadata. The example system also includes a patch module that receives a program including source code, retrieves from the database the compiler metadata, and generates, without compiling the received program, a set of migration patches based on the received program and the compiler metadata. The set of migration patches includes one or more changes to the received program to abide by the set of rules associated with the compiler.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7690/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS FOR DIE CASTING METALS USING PHASE SEPARABLE FLUIDS

(51) International classification :B22D17/22
(31) Priority Document No :61/468908
(32) Priority Date :29/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/030250
Filing Date :23/03/2012
(87) International Publication No :WO 2012/134982
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BURKE John Michael
2)CROSS Alan Edward

(57) Abstract :
The present invention provides processes for die casting metals which are more energy efficient and less expensive than the current metal die casting processes. The die casting processes discussed herein utilize a water soluble die release fluid and hydraulic equipment which uses water insoluble hydraulic fluid. By doing so the hydraulic fluid and die release fluid present in the waste collected from the die casting process can be collected via separation techniques. One or both of the collected hydraulic fluid and die release fluid may then be re used in the same die casting process another die casting process or another processes altogether.

No. of Pages : 47 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7691/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHOD FOR ALIGNING CONDUCTORS OF COIL MEMBERS IN CORES OF ELECRIC DYNAMIC MACHINES PRIOR TO WELDING OPERATIONS

(51) International classification :H02K15/00
(31) Priority Document No :TO2011A000199
(32) Priority Date :07/03/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/000633
Filing Date :13/02/2012
(87) International Publication No :WO 2012/119691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CORBINELLI Rubino
2)PONZIO Massimo

(57) Abstract :
Apparatus and method for aligning wire conductors (11a 11b) extending from coil members (11) inserted in slots of a core (10) of an electric dynamo machine to join the ends (11 a 11 b) of the wire conductors by means of a welding operation accomplished by welding means (30) comprising : a first member (41) having a plurality of passages (40); a second member (42) having a plurality of passages (40); the first and second members (41 42) being assembled adjacent to each other to align in pairs the passages (40) of the first member (41) with the passages (40) of the second member (42); each pair of aligned passages (40 40) · forming a single passage capable of receiving at least the end portions (11a 11b) of two conductors; the first member (41) and the second member (42) being relatively moved in the circumferential direction (C) of the core to cause the sides of the passages (40 40) to engage and move the end portions (11a 11b) of the wire conductors in the circumferential direction (C); a thrust in the radial direction (R) of the core being exerted on inclined portions (I) of the wire conductors to cause the end portions (11a 11b) of the wire conductors present in a single passage to engage each other in the radial direction (R) and the portion of wire conductor most distant in the radial direction in the single passage to engage the sides of the single passage in the radial direction (R).

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013

(21) Application No.771/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOOP-FREE HYBRID NETWORK

(51) International classification :G06J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DEVARAJAN, VENKATAVARADHAN
2)ALLU, V N S RAMAPRASAD

(57) Abstract :
A loop-free hybrid network can include receiving an advertisement from a non-software defined network (SDN) network device, determining a network topology that includes the non-SDN network device and a number of SDN network devices, and sending an aggregating instruction to the non-SDN network device, wherein the aggregating instruction aggregates all connections between the non-SDN network device and the number of SDN network devices.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.6278/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR PERFORMING AN INTERNAL INSPECTION ON A WIND TURBINE ROTOR BLADE

(51) International classification :F03D1/06,F03D11/00,G01N21/88
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/000098
Filing Date :21/01/2011
(87) International Publication No :WO 2012/097475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FRITZ Peter James
2)HARDING Kevin George
3)SONG Guiju
4)YANG Yong
5)TAO Li
6)WAN Xinjun

(57) Abstract :
A system (200) and method for performing an internal inspection on a rotor blade (16) of a wind turbine are disclosed. The system includes a sensing device (202) a cable (210) for raising and lowering the sensing device within the rotor blade and a positioning device (206) attached to at least one of the sensing device and the cable. The positioning device can be configured to space the sensing device apart from an interior surface (208) of the rotor blade as the sensing device is raised and lowered within the rotor blade.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7714/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FORMATION OF N PROTECTED BIS 3 6 (4 AMINOALKYL) 2 5 DIKETOPIPERAZINE

(51) International classification :C07D241/08,C07C229/00,B01J31/02
(31) Priority Document No :61/441525
(32) Priority Date :10/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024160
Filing Date :07/02/2012
(87) International Publication No :WO 2012/109256
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FREEMAN John J.
2)STAMPER Adrienne
3)HEITMANN Melissa

(57) Abstract :
The disclosed embodiments detail improved methods for the synthesis of diketopiperazines from amino acids. In particular improved methods for the cyclocondensation and purification of N protected 3 6 (aminoalkyl) 2 5 diketopiperazines from N protected amino acids. Disclosed embodiments describe methods for the synthesis of 3 6 bis [N protected aminoalkyl] 2 5 diketopiperazine comprising heating a mixture of an amino acid in the presence of a catalyst in an organic solvent. The catalyst is selected from the group comprising sulfuric acid phosphoric acid p toluenesulfonic acid 1 propylphosphonic acid cyclic anhydride tributyl phosphate phenyl phosphonic acid and phosphorous pentoxide among others. The solvent is selected from the group comprising: dimethylacetamide N methyl 2 pyrrolidone diglyme ethyl glyme proglyme ethyldiglyme m cresol p cresol o cresol xylenes ethylene glycol and phenol among others.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7715/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR CLOSING A TUBULAR SACK BODY

(51) International classification :B65D30/18,B29C65/02,B31B19/60
(31) Priority Document No :A 173/2011
(32) Priority Date :09/02/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2012/000024
Filing Date :09/02/2012
(87) International Publication No :WO 2012/106742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :D3/ A Panki Industrial Estate Kanpur 208 022 Uttar Pradesh India
(72)**Name of Inventor :**
1)WORFF Herwig
2)SCHOBESBERGER Ernesto

(57) Abstract :
In a method for closing a tubular sack body made from a woven fabric of monoaxially drawn polymer in particular polyolefin or polypropylene ribbons comprising the production of a bottom fold in such a way that the sack has a substantially rectangular bottom at least two layers of the bottom which overlap one another at least partially are welded to one another in the region of their overlap by way of at least one welded seam in order to close the bottom wherein the at least one welded seam extends at least over the length of the broad side and/or the narrow side of the rectangular bottom.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7716/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENERGY MANAGEMENT METHOD AND SYSTEM THEREOF AND GUI METHOD

(51) International classification :G06Q50/04,G06Q10/04
(31) Priority Document No :2011042413
(32) Priority Date :28/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054897
Filing Date :28/02/2012
(87) International Publication No :WO 2012/118067
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)INOUE Ken ichi
2)FUKUZAWA Mitsunori
3)SEKI Akira

(57) Abstract :
Provided is an energy management method using estimate models which correspond to each of a plurality of targets of energy management and which estimate energy consumption and/or energy conversion as the respective targets of energy management are activated. The estimate models are subdivided to correspond to each of a plurality of statuses of the targets of energy management, transitioning upon a temporal axis as the targets of energy management are activated.

No. of Pages : 60 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7717/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMAGE PROCESSING METHOD IMAGE PROCESSING DEVICE VIDEO ENCODING/DECODING METHOD VIDEO ENCODING/DECODING DEVICE AND PROGRAMS THEREFOR

(51) International classification :H04N7/32,G06T5/00,H04N1/409
(31) Priority Document No :2011051443
(32) Priority Date :09/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055748
Filing Date :07/03/2012
(87) International Publication No :WO 2012/121269
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)TAKAMURA Seishi
3)SHIMIZU Atsushi
4)JOZAWA Hirohisa

(57) Abstract :
The computational complexity of a denoising filter is reduced while suppressing a reduction in coding efficiency. In an image processing apparatus, an edge direction 5 detection unit calculates an edge direction using a denoising target image. A search shape setting unit sets a search shape in which the number of search points along the direction perpendicular to the edge direction is smaller than the number of search points along the edge direction, using the calculated edge direction as an index used for limiting the search shape. When noise of a target pixel is removed with a weight in accordance 10 with the degree of template similarity between a template for the target pixel and a template for each of search points within a search shape and the weighted sum of pixel values at the search points, a filter execution unit executes a process of performing template matching on only search points within the set search shape and removing the noise of the target pixel.

No. of Pages : 79 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6418/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR MIXING TWO FLUID FLOWS

(51) International classification :B01F5/04,C07C51/31,C07C51/14
(31) Priority Document No :11156408.4
(32) Priority Date :01/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/053391
Filing Date :29/02/2012
(87) International Publication No :WO 2012/117003
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KARBACH Stefan
3)DAMES Burkhardt
4)HAIP Wolfgang
5)GERLINGER Wolfgang
6)MATTKE Torsten

(57) Abstract :
The invention relates to a device for mixing one fluid flow with another fluid flow comprising a pipe (32) through which the fluid flow is guided. At least two distributors (31) for guiding the fluid flow are arranged inside the pipe. Said arrangement of the distributors is possible due to borings (33) in the casing of the pipe and said distributors have a free flow cross section which is constant or continuously reduces in the main flow direction of the fluid and said distributors have one or more rows of holes for guiding the second fluid into the fluid.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2013

(21) Application No.772/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CERTIFICATE GRANT LIST AT NETWORK DEVICE

(51) International classification :F15B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MILLS, CRAIG JOSEPH
2)DATTA, KAUSHIK

(57) Abstract :
A certificate grant list is provided. The certificate grant list may be stored in a memory, at the network device. The certificate grant list may store information associated with a client-device certificate, where the client-device certificate permits the client-device access to a secure service.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7720/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POLYCRYSTALLINE TABLES POLYCRYSTALLINE ELEMENTS AND RELATED METHODS

(51) International classification :E21B10/46,C22C26/00,E21B10/567
(31) Priority Document No :13/040921
(32) Priority Date :04/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027071
Filing Date :29/02/2012
(87) International Publication No :WO 2012/121942
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LYONS Nicholas J.
2)SCOTT Danny E.
3)DIGIOVANNI Anthony A.
4)NELMS Derek L.

(57) Abstract :
Polycrystalline elements comprise a substrate and a polycrystalline table attached to an end of the substrate. The polycrystalline table comprises a first region of superabrasive material having a first permeability and at least a second region of superabrasive material having a second lesser permeability the at least second region being interposed between the substrate and the first region. Methods of forming a polycrystalline element comprise attaching a polycrystalline table comprising a first region of superabrasive material having a first permeability and at least a second region of superabrasive material having a second lesser permeability to an end of a substrate the at least a second region being interposed between the first region and the substrate. Catalyst material is removed from at least the first region of the polycrystalline table.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7721/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE FOR MEASURING DEGRADATION RECHARGEABLE BATTERY PACK METHOD FOR MEASURING DEGRADATION AND PROGRAM

(51) International classification :G01R31/36
(31) Priority Document No :2011068213
(32) Priority Date :25/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/080375
Filing Date :28/12/2011
(87) International Publication No :WO 2012/132160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUZUKI Shin
2)TASHIRO Yoichiro

(57) Abstract :
A battery sensing section measures a voltage across a secondary battery. A current sensing section measures a current flowing through the secondary battery. A control section 5 holds the value of an external impedance present in a discharge path outside the secondary battery, discharges the secondary battery from a first time to a second time at which an integrated discharge capacity based on a measured discharge current becomes equal to a predetermined discharge capacity reference value, calculates the internal impedance present in the secondary battery at the second time based on the measured voltage, calculates the second open voltage at 10 the second time by multiplying the sum of the external impedance and the internal impedance by the measured discharge current, and calculates the recovered capacity of the secondary battery based on the first open voltage at the first time, the second open voltage and the discharge capacity reference value.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7722/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : UNIT DOSE BREAKABLE VIAL WITH INTEGRATED BRUSH APPLICATOR

(51) International classification :A61M35/00,A45D34/04
(31) Priority Document No :61/444308
(32) Priority Date :18/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025558
Filing Date :17/02/2012
(87) International Publication No :WO 2012/112836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GREMEL Julie L.

(57) Abstract :
A disposable sterile breakable vial includes a handle section and a vial section which are completely separable in response to a manually applied separation force. The vial section includes a sterile void dimensioned to contain a unit dose of a sterile therapeutic topical agent. An elongated member comprises a proximal portion supported by the handle section and a distal portion provided with a sterile applicator element such as a brush. At least the applicator element is completely enclosed within the vial section with the applicator element immersed within the therapeutic topical agent. A hermetic seal between the handle and vial sections maintains sterility of at least the vial section prior to handle and vial section separation. Complete separation of the handle section and the vial section exposes the elongated member and the applicator element for topical application of the therapeutic agent saturating the applicator element.

No. of Pages : 32 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6292/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING 1 H PYRROLIDINE 2 4 DIONE DERIVATIVES

(51) International classification :C07D207/36,C07D491/113,C07D491/107
(31) Priority Document No :11152069.8
(32) Priority Date :25/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/050840
Filing Date :20/01/2012
(87) International Publication No :WO 2012/101047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FISCHER Reiner
2)HIMMLER Thomas

(57) Abstract :
The invention relates to a novel method for producing 1 H pyrrolidine 2 4 dione derivatives to novel intermediate products and to a method for producing same.

No. of Pages : 70 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6293/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTAINER WITH AN ABSORBENT SUPPORT BELOW THE FILTER

(51) International classification :B65D81/24,B01D53/14,B01D53/62
(31) Priority Document No :12/984321
(32) Priority Date :04/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/068087
Filing Date :30/12/2011
(87) International Publication No :WO 2012/094244
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CRUMP John W.
2)HURLEY Thomas J.
3)INCORVIA Samuel A.
4)PAYNE David S.
5)QUINN Jonathan

(57) Abstract :
The invention provides an extended shelf life package comprising a material for mammal ingestion that degrades by oxidation comprising an oxygen scavenger comprising a transition metal oxygen scavenger a container substantially impervious to oxygen wherein the container has a filter suspended in the container the filter holds the material for mammal ingestion the container also holds a support for the filter below the filter and wherein the support holds the oxygen scavenger. In another embodiment the invention provides an extended shelf life package comprising mammal ingestible material that degrades by giving off CO2 comprising a carbon dioxide scavenger a container substantially impervious to carbon dioxide wherein the container has a filter suspended in the container the filter holds the mammal ingestible material and the container also holds a support for the filter below the filter and wherein the support holds the carbon dioxide scavenger.

No. of Pages : 57 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6294/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REINFORCED PULTRUDED POLYURETHANE AND PRODUCTION THEREOF

(51) International classification :C08G18/40,C08G18/58,C08G18/66
(31) Priority Document No :10 2011 003 294.0
(32) Priority Date :28/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050962
Filing Date :23/01/2012
(87) International Publication No :WO 2012/101085
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WEGENER Dirk
2)LINDNER Stefan
3)SCHLEIERMACHER Stephan

(57) Abstract :
The invention relates to reinforced pultruded polyurethane and to a method for the production thereof by pultrusion.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6295/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANALOGUE MEASUREMENT PROBE FOR A MACHINE TOOL APPARATUS AND METHOD OF OPERATION

(51) International classification	:G01B5/012,G01B7/00,G01B7/012
(31) Priority Document No	:11250059.0
(32) Priority Date	:19/01/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/GB2012/000043 :19/01/2012
(87) International Publication No	:WO 2012/098353
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)COLLINGWOOD David
2)BRAGG Robert John

(57) Abstract :
An analogue probe for a machine tool apparatus comprising a probe body a stylus member movably secured to the probe body and a sensor for measuring the extent of displacement of the stylus member relative to the probe body in which the sensor is contained within a chamber in the probe body. The analogue probe further comprises a vent between the chamber and the outside of the probe body configured such that when the vent is open the pressure within the chamber can equalise with the analogue probe s operating environment s pressure and further configured such that the vent s opening to the outside of the probe body can be closed so as to seal the chamber and therefore the sensor from external contaminants during operation of the analogue probe.

No. of Pages : 63 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6296/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HOT METAL SHEET FORMING OR STAMPING TOOLS WITH CR SI N COATINGS

(51) International classification :C23C14/06,B21D37/00,B21D26/021
(31) Priority Document No :10 2011 010 401.1
(32) Priority Date :04/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/000387
Filing Date :28/01/2012
(87) International Publication No :WO 2012/104048
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MLLER Arnd
2)SOBIECH Mathias Lukas
3)MARINGER Christian

(57) Abstract :
The present invention discloses a CrSiN coated hot forming tool having enhanced wear resistance oxidation resistance and adhesion wear resistance and thereby exhibiting a longer lifetime and better performance. The CrSiN coating is especially good to improve performance by hot metal sheet forming processes where the workpiece is an AlSi coated metal sheet and/or a metal sheet with strength of 1 500 MPa or more.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7725/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SOFTWARE FOR ANALYSING MICROBIAL GROWTH

(51) International classification :G06T7/00,G06F19/00,G06K9/00
(31) Priority Document No :2011900786
(32) Priority Date :04/03/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000211
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119191
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)GLASSON John Hughes
3)VAN DEN HENGEL Anton John
4)HILL Rhys Ernst
5)WARD Benjamin William Stephen

(57) Abstract :
A method for analysing microbial growth on a solid culture medium the method including obtaining image data of the solid culture medium and any microbial growth generating an associated feature vector of values obtained by applying one or more filters to the image data using a classifier to classify each pixel in a plurality of pixels in the image data based on the associated feature vector analysing results of pixel classifications of each said pixel to derive a microbiological assessment of the solid culture medium and any microbial growth and outputting the microbiological assessment.

No. of Pages : 68 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6406/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM TRICLOPYR AND IMAZETHAPYR OR IMAZAMOX

(51) International classification :A01N29/00,A01N33/00
(31) Priority Document No :61/433612
(32) Priority Date :18/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021518
Filing Date :17/01/2012
(87) International Publication No :WO 2012/099860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SIMPSON Charles
4)ELLIS Andrew Todd
5)SIEBERT Jonathan Daniel
6)LASSITER Ralph B.
7)WALTON Larry
8)LANGSTON Vernon

(57) Abstract :
An synergistic herbicidal composition containing penoxsulam plus triclopyr and imazethapyr or imazamox for controlling weeds in crops especially rice cereal and grain crops pastures rangelands industrial vegetation management (IVM) aquatics and turf. These compositions provide improved post emergence herbicidal weed control.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6407/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SENSING THE PROPERTIES OF A MATERIAL LOADING A UHF RFID TAG BY ANALYSIS OF THE COMPLEX REFLECTION BACKSCATTER AT DIFFERENT FREQUENCIES AND POWER LEVELS

(51) International classification :G06K19/077
(31) Priority Document No :13/008054
(32) Priority Date :18/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020905
Filing Date :11/01/2012
(87) International Publication No :WO 2012/099751
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FORSTER Ian J.

(57) Abstract :
An RFID device for sensing the properties of a material in proximity to a UHF tag. The RFID device includes a microchip an antenna operatively coupled to the microchip and an impedance transforming section operatively coupled to the microchip and to the antenna. Changing an electrical characteristic of at least one component of the RFID device results in a complex reflected signal at a reader device representing a sensed state of a material in proximity to the RFID device.

No. of Pages : 35 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6408/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SKIN WHITENING AGENT

(51) International classification :A61K8/97,A61K8/49,A61K8/60
(31) Priority Document No :2011010603
(32) Priority Date :21/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051242
Filing Date :20/01/2012
(87) International Publication No :WO 2012/099247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KIKUCHI Mamiko
2)MURASE Daiki
3)SUGIYAMA Mitsuru
4)KAWASAKI Akiko

(57) Abstract :
A dopa oxidase acnvity inhibitor, a melanin production inhibitor, a skin whitening agent or an external preparation for the skin, which contains, as an active ingredient, Peristrophe japonica, an organic solvent extract thereof, a compound represen ted by formula (I) or a salt of the compound. (In formula (I), R i and R2 each represents a hydroxyl group or an alkoxy group having 1-4 carbon atoms, or alternatively R i and R 2 combine together to form a methylenedioxy group; R3 and R4 each represents a hydroxyl group or an alkoxy group having 1-4 carbon atoms, or alternatively R3 and R4 combine together to form a methylenedioxy group;R5 represents a hydrogen atom, a hydroxyl group, an alkoxy group having 1-5 carbon atoms, an acyl group having 1-4 carbon atoms or a sugar residue such a s (D-Apio-p-D-furanosyl)oxy; and R6 and R7 each represents a hydrogen atom and Rs and R9 combine together to represent an oxygen atom, or alternatively R8 and R9 each represents a hydrogen atom and R6 and R7 combine together to represent an oxygen atom.)

No. of Pages : 84 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2013

(21) Application No.6409/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR TRIMMING A SAMPLE FROM A COILED METAL WEB

(51) International classification :B21C47/24,B21C51/00,B23D19/00
(31) Priority Document No :61/434630
(32) Priority Date :20/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/021845
Filing Date :19/01/2012
(87) International Publication No :WO 2012/100036
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GRZYB Jennifer
2)SALPECK Patrick
3)WALNOHA Len

(57) Abstract :
Sample extraction or trimming from an end strip of an elongated formed metal that is coiled in layers within a tensioned metal coil (10) resting on driven rollers. A cut channel is formed across the material width. In some embodiments the cut channel is formed between the rollers and by cutting at an angle relative to the coil outer surface. Coil weight and/or a coil tensioner mechanism inhibits coil relaxation along the cut channel by maintaining tension on wrapped layers against each other when the coil is unbanded for sample extraction. The coil is rotated so that the cut channel clears the rollers laterally. Material downstream the cut is then separated from the coil. After trimming and/or sample extraction the coil maintains rolled tautness for ease of rebanding.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7730/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FITTING SYSTEM FOR A VEHICLE SEAT

(51) International classification :B60N2/235
(31) Priority Document No :10 2011 100 513.0
(32) Priority Date :02/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/054796
Filing Date :19/03/2012
(87) International Publication No :WO 2012/150085
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCHUELER Rolf
2)LEHMANN Ulrich

(57) Abstract :
In a fitting system for a vehicle seat having at least one fitting (10) by means of which a rest (4) can be pivoted relative to a seat part (3) from at least one use position to a non-use position, wherein the fitting (10) has: a first fitting part (11) with a toothed rim (17), a second fitting part (12), wherein the first fitting part (11) can be rotated about an axis (A) relative to the second fitting part (12), having at least one moving bolt (16) which is guided by the second fitting part (12) and which locks the fitting (10) in the at least one use position by interacting with the toothed rim (17), having a prestressed eccentric (27) which moves the at least one bolt (16) radially outward to interact with the toothed rim (17) by means of rotation in the closing direction, and having a control cam (36) which moves the at least one bolt (16) radially inward in the event of rotation in the opening direction, in order to terminate interaction with the toothed rim (17) , the control cam (36) can be rotated in the closing direction in a manner uncoupled from the eccentric {21), in order to lock the fitting (10) in the non-use position by interaction between the at least one bolt (16) and the toothed rim (17).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6376/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCTION OF MICROWAVEABLE COATED FOOD PRODUCTS

(51) International classification :A23L1/00,A23B4/09,A23L1/31
(31) Priority Document No :11152421.1
(32) Priority Date :27/01/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/050738
Filing Date :18/01/2012
(87) International Publication No :WO 2012/101025
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PICKFORD Keith

(57) Abstract :
A method of producing a frozen microwaveable coated food product said method comprising the steps of: providing a portion of a solid or solidified substrate; coating the portion with an aqueous precoating liquid to form a precoated portion; applying a coating of bonding crumb to the precoated portion to form a crumb coated portion; applying a batter to the crumb coated portion to form a batter coated portion; applying a coating of coating crumb to the batter coated portion to form a breaded portion; frying the breaded portion by contacting said breaded portion for at least 100 seconds with hot oil having a temperature of at least 150°C thereby producing a fried coated portion having a core temperature in excess of 70°C; and freezing the fried coated portion by introducing said fried portion into a freezer; wherein the core temperature of the fried coated portion is not less than 50°C preferably not less than 60°C when said fried portion is introduced into the freezer and wherein said core temperature is reduced to less than 15°C using cryogenic freezing.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6377/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ASPHALTENE DISPERSANT CONTAINING LUBRICATING COMPOSITIONS

(51) International classification :C10M141/06
(31) Priority Document No :61/440990
(32) Priority Date :09/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024255
Filing Date :08/02/2012
(87) International Publication No :WO 2012/109311
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SACCOMANDO Daniel J.
4)COOK Stephen J.
5)CARNEY Shaun P.
6)MAYHEW Alexandra

(57) Abstract :
The present invention relates to a lubricating composition particularly marine diesel engine lubricating compositions comprising: (a) an oil of lubricating viscosity; (b) an asphaltene dispersant comprising an amide group which may also contain a succinimide group and which may optionally be used in combination with additional asphaltene dispersants that contain a cyclic headgroup that contains a nitrogen atoms where the additional asphaltene dispersants may also include a succinimide group; and (c) a detergent derived from an alkyl phenol. The invention further provides methods of using such compositions in the operation of engine particularly marine diesel engines.

No. of Pages : 43 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6378/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENGINE LUBRICANTS CONTAINING A POLYETHER

(51) International classification :C10M165/00,C10N30/10,C10N40/25
(31) Priority Document No :61/431869
(32) Priority Date :12/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/020874
Filing Date :11/01/2012
(87) International Publication No :WO 2012/097026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MOSIER Patrick E.
2)VILARDO Jonathan S.

(57) Abstract :
A sump lubricated spark ignited engine is lubricated by supplying thereto a lubricant which comprises (a) an oil of lubricating viscosity; (b) a polyether; and (c) a metal containing detergent. The lubricant has a total phosphorus content of less than 0.075 percent by weight.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6379/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUDIO PROCESSING DEVICE

(51) International classification :H04R3/12,H04S7/00,H04R27/00
(31) Priority Document No :11 50409
(32) Priority Date :19/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/050792
Filing Date :19/01/2012
(87) International Publication No :WO 2012/098191
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DE LA FUENTE Manuel
3)CALMEL Pierre Emmanuel

(57) Abstract :
The invention relates to an audio processing device (1) including: - at least one connector (2, 7), suitable for receiving data defining an input sound 5 signal; a processing module (5, 6) suitable for determining at least one signal intended for a loudspeaker (12, 13) as a function of said defining data, a communication module (8, 9) for communicating with at least one other audio processing device, according to claim 1; 10 said device being characterized in that it furthermore includes a detection module (4) suitable for detecting the proximity of another device according to claim 1 and in that the processing module is suitable for determining said signal intended for the loudspeaker as a function furthermore of a number of other detected device{s).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7736/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR COATING GRANULAR SUBSTRATES

(51) International classification :A01N25/00
(31) Priority Document No :61/441180
(32) Priority Date :09/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024459
Filing Date :09/02/2012
(87) International Publication No :WO 2012/109432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAMMANN Laurence G.
3)RADABAUGH Robert M.A.
4)SHIRLEY Arthur Ray Jr.
5)POL Willem Van

(57) Abstract :
The invention relates to methods and systems for coating substrates. In particular the invention relates to methods and systems in which the coating and curing steps are performed in separate vessels. These methods and systems provide a more effectively controlled and efficient coating process.

No. of Pages : 31 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7703/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INHALER

(51) International classification :A61M15/00
(31) Priority Document No :61/452763
(32) Priority Date :15/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/054371
Filing Date :13/03/2012
(87) International Publication No :WO 2012/123448
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PHILLIPS Desmond
3)RAMBLE David
4)REYNOLDS Sean
5)VERNON HARCOURT Edward

(57) Abstract :
The invention relates to an inhaler (1) comprising a capsule housing (2) for containing a medicament capsule (4). The inhaler includes an airflow path (6) through which air flows during an airflow event from at least one air inlet (8) to an outlet (10) the airflow path passing through the capsule housing. There is a first sensor (16) a processor (18) and a power source (20) for powering the processor. The capsule housing is defined by at least one wall (22) and configured such that when a capsule is located in the capsule housing and sufficient air flows along the airflow path through the capsule housing the capsule moves within the capsule housing. The first sensor is arranged on the inhaler so that it is able to detect the movement of the capsule within the capsule housing and generate a first signal indicative of said movement. The processor receives the first signal from the first sensor and uses said first signal to determine whether the first signal is indicative of the presence or absence of a capsule in the capsule housing during an airflow event and generate a capsule signal indicative thereof.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7704/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EASY LINKING TRANSFER SYSTEM

(51) International classification :A61J1/20
(31) Priority Document No :2733446
(32) Priority Date :04/03/2011
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2012/000190
Filing Date :05/03/2012
(87) International Publication No :WO 2012/119225
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A transfer device for pharmaceuticals comprising a housing which has an open bottom permitting insertion of a vial within the housing a piercing member mounted within the housing and having an interior passageway formed therein a connector for a syringe located on top of the housing and a moveable member mounted within the housing the moveable member being moveable from a first position preventing access to the piercing member and a second position permitting access to the piercing member when the vial is inserted in the housing.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7705/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATIC CONFIGURATION OF MASTER/SLAVE DEVICES ON A NETWORK

(51) International classification :H04L12/12,H04L29/12
(31) Priority Document No :61/463819
(32) Priority Date :23/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/000815
Filing Date :10/05/2011
(87) International Publication No :WO 2012/115609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DEL BUSTO Michael
3)HALL Stewart E.
4)DREW Douglas A.
5)FORNEY Jan B.

(57) Abstract :
A people counting system and method for the automatic reconfiguration of a failed people counting sensor device in a people counting system. The system includes a plurality of addressable people counting sensor devices defining a cluster having a master device in communication with at least one slave device each of the master device and the slave devices having a corresponding Media Access Control (MAC) address. The master device is adapted to sequentially transmit power on commands to each of the slave devices assign a different node address to each of the slave devices receive an association of the MAC address of the master device to the node address and MAC address of each of the slave devices to form a cluster configuration store the cluster configuration as a cluster configuration table and replicate the cluster configuration table to the slave devices. A dynamic host configuration protocol (DHCP) server assigns an IP public address to the master device.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7708/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR LEACH EXTRACTION OF MICROORGANISMS

(51) International classification :C12P7/00
(31) Priority Document No :61/443336
(32) Priority Date :16/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025442
Filing Date :16/02/2012
(87) International Publication No :WO 2012/112773
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MACHACEK Mark T.
3)BUNCH Stephen Todd
4)GERTENBACH Dennis

(57) Abstract :
Embodiments herein concern compositions methods and uses for extracting target compounds from suspension cultures. In certain embodiments suspension cultures may comprise algal cultures. In some embodiments compositions and methods include agglomerating ground and dried biomass from a suspension culture prior to extracting target compounds from the culture.

No. of Pages : 66 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7723/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR DETECTING THE FAILURE OF A CHARGE AIR COOLER

(51) International classification :F02B29/04,F02M35/10,F02D41/22
(31) Priority Document No :1152245
(32) Priority Date :18/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050552
Filing Date :16/03/2012
(87) International Publication No :WO 2012/127158
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MARTIN Ludovic
2)PETIT Clement
3)JEDRUCH Iwona
4)MEFFLET Mathieu

(57) Abstract :
The invention relates to a method for detecting the failure of a charge air cooler (5) placed in an air supply circuit (1) of an engine (2), said circuit (1) further comprising an air filter (3) and a compressor (4), said method being performed continuously and repeatedly. The main feature of a method according to the invention is that it comprises: a step of determining the temperature Tair of the air between the filter (3) and the compressor (4), the temperature of the air Tape between the compressor (4) and the cooler (5), and the temperature of the air Tsras between said cooler (5) and the engine (2); a step of calculating the Tapc-Tsras/Tapc-Tair ratio which is a parameter indicative of the effectiveness of the cooler (5); a step of comparing this parameter against a predetermined threshold effectiveness value; and a step of making a diagnosis as to whether the cooler (5) is operating correctly or incorrectly, on the basis of this comparison.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7724/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MEASURING VARIATIONS IN THE SPEED OF A MOBILE BODY

(51) International classification :G01P15/03,B60R21/0132
(31) Priority Document No :11290158.2
(32) Priority Date :30/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/058843
Filing Date :30/05/2011
(87) International Publication No :WO 2012/130338
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CLARISSOU Yves

(57) Abstract :
Method and system for measuring the variation in speed of a moving body. The present invention describes a device and a method for measuring the acceleration of a moving body, said device comprising: - a solid body comprising an internal cavity (12); - said cavity (12) at least one wall of which is a track (121) one surface of which allows for the movement of a moving part (13) capable of moving freely on said track (121) in said cavity (12) between an initial position (131) at rest and a position (133) distant from said initial position (131), situated at another end of said cavity (12) and reachable by said part when the acceleration of said moving body is not zero; - said part (13) capable of moving in said cavity (12), under the effect of the acceleration of said moving body, from said initial position (131) to said distant position (133); - at least one detector (14) capable of detecting a presence of said part (13) at said distant position (133) . Figure 2

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7748/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TECHNIQUE FOR OPERATING A NETWORK NODE

(51) International classification :H04L12/56
(31) Priority Document No :61/469935
(32) Priority Date :31/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/000667
Filing Date :15/02/2012
(87) International Publication No :WO 2012/130357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ENYEDI Gabor Sandor
2)CS SZ R Andr¡s

(57) Abstract :
A technique of operating a network node of a multicast communication network comprising a plurality of network nodes which are interconnected with each other by communication links is provided wherein the network node is associate with a common source network node. A method implementation of the technique comprises: determining a first path which connects the network node to the common source network node along a primary network tree and determining a second path which connects the network node to the common source network node along a secondary network tree wherein the first path and the second path show redundancy with respect to each other; receiving at the network node multicast data from the common source network node via the first path; triggering by the network node reception of multicast data from the common source network node via the second path if the network node detects a failure of the first path (e.g. determines that no multicast data is received via the first path).

No. of Pages : 44 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7749/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR CONNECTIVITY IN A COMMUNICATION NETWORK

(51) International classification :H04W48/18
(31) Priority Document No :13/070550
(32) Priority Date :24/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/050347
Filing Date :29/03/2011
(87) International Publication No :WO 2012/128687
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)…STR–M Bo
3)HOLM Tomas
4)KLING Lars –rjan

(57) Abstract :
Method and arrangement for supporting connectivity of a wireless device (D) to a network infrastructure (200).An infrastructure provider (200a) associates(2:1) a set of device identification numbers (MSINs) to a first radio access provider (RAN 1) in a subscription database (HLR) of the infrastructure provider. The infrastructure provider (200a) also sets the first radio access provider as a preferred roaming partner in a SIM(2:2) that comprises a subscriber identifier with a network identifier (MNC) of the infrastructure provider. The SIM is provided (2:3) for use in the device (D) to enable access to the network infrastructure over a radio access network of the first radio access provider based on the subscriber identifier (IMSI) and the preferred roaming partner in the SIM.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7726/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMAGE CAPTURE AND LIGHTING APPARATUS

(51) International classification :C12M1/34
(31) Priority Document No :2011900784
(32) Priority Date :04/03/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000210
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119190
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BULLOCK Graeme John
4)CROSS Graeme
5)HILL Rhys Ernst

(57) Abstract :
An apparatus for use in analysing microbial growth on a solid culture medium in a culture plate the apparatus including an image capture device a support for supporting the culture plate for the image capture device to capture an image of the solid culture medium and any microbial growth a ring light between the image capture device and the support for diffusely illuminating one side of the culture plate and a frame for positioning the image capture device support and ring light relative to each other.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7727/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COLOUR CALIBRATION METHOD FOR AN IMAGE CAPTURE DEVICE

(51) International classification :G06T7/00
(31) Priority Document No :2011900785
(32) Priority Date :04/03/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000208
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HILL Rhys Ernst

(57) Abstract :
A method for providing a mapping from apparent colour to actual colour for an image capture device including capturing an image of a reference colour chart having a plurality of colour patches using the image capture device wherein each colour patch has an associated reference colour measuring the apparent colour of the plurality of colour patches in the captured image selecting a plurality of control points representing different hue values within a circular hue space determining an angular offset for each control point such that the distance between a transformed apparent colour and the reference colour for each colour patch is minimised the angular offset representing a hue correction wherein interpolation of the angular offsets for the control points provides a mapping from apparent colour to actual colour for the image capture device.

No. of Pages : 24 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7728/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR IMPROVING CLASSIFICATION RESULTS OF A CLASSIFIER

(51) International classification :G06K9/03,G06K9/34,G06T7/40
(31) Priority Document No :2011900783
(32) Priority Date :04/03/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000207
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)HILL Rhys Ernst

(57) Abstract :
A method for improving classification results of a classifier including receiving classification results for a plurality of elements that have been classified by a classifier as one of a plurality of classes constructing a graph having a plurality of nodes each node corresponding to one of the elements and a plurality of labels each label corresponding to one of the classes adding edges between nodes corresponding to related elements adding edges between each node and each label and using a graph cut algorithm to cut edges to a node and partition the graph into classes the graph cut algorithm using as input the classification results for the element corresponding to that node and related elements.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7729/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GAS DENSITY MONITORING SYSTEM

(51) International classification :H02H3/00
(31) Priority Document No :61/448585
(32) Priority Date :02/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027501
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A circuit breaker monitoring system may monitor both at least one gas characteristic of a gas surrounding the circuit breaker and at least one fault arc energy characteristic. The monitored characteristics may be used to forecast maintenance events. The monitored characteristics may be used to control the operation of the circuit breaker.

No. of Pages : 85 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7758/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NEW CRYSTAL FORM VII OF AGOMELATINE PREPARATION METHOD AND USE THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING SAME

(51) International classification	:C07C233/18,C07C231/24,A61K31/165
(31) Priority Document No	:201110070828.0
(32) Priority Date	:23/03/2011
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2012/072816 :22/03/2012
(87) International Publication No	:WO 2012/126385
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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2)TONG Ling
3)ZHU Xueyan
4)SHAN Hanbin
5)YUAN Zhedong
6)YU Xiong

(57) Abstract :
The present invention provides a new crystal form VII of agomelatine the preparation method and use thereof and a pharmaceutical composition containing the same. The new crystal form has a good purity a stable crystal form and good reproducibility; the preparation method thereof is easy to amplify; and it is superior to most previously reported crystal forms in terms of stability and solubility. Therefore the crystal form VII of the present invention has an advantage in terms of preparation.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7731/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VEHICLE SEAT IN PARTICULAR MOTOR VEHICLE SEAT

(51) International classification :B60N2/22,B60N2/42,B60N2/427
(31) Priority Document No :10 2011 102 420.8
(32) Priority Date :24/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/057633
Filing Date :26/04/2012
(87) International Publication No :WO 2012/159846
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DILL Thomas
3)PLUTA Wolfgang
4)ENNS Viktor
5)MUELLER Gerhard

(57) Abstract :
In the case of a vehicle seat, in particular motor vehicle seat, with a seat part (3), a backrest (4), at least one fitting (10), by means of which the back rest (4) is attached pivotably to the seat part (3), wherein the fitting (10) has a first fitting part (11) connected to the backrest (4) and a second fitting part (12) connected to the seat part (3), wherein the fittings (5) are normally located in the force flux between the backrest (4) and seat part (3), and at least one deformation zone (D) which is deformed in the event of a crash, the backrest (4) has a supporting element (8a) mounted on the backrest and the seat part (3) has a supporting element (7a) mounted on the seat part, said supporting elements normally being spaced apart from each other and, in the event of a crash, coming into contact with each other because of the deformation of the deformation zone (D) in order to provide a further force flux path lying parallel to the fitting (10). Fig. 2

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7732/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TRANSCUTANEOUS STIMULATION METHOD AND SYSTEM

(51) International classification :A61N1/24,A61N1/36,A61N1/375
(31) Priority Document No :61/448378
(32) Priority Date :02/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2012/000212
Filing Date :02/03/2012
(87) International Publication No :WO 2012/116407
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HUTSON John Medwyn
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(57) Abstract :
A method of treating a waste evacuation dysfunction comprising administering transcutaneous electrical stimulation (TES) to at least one lower pelvic and/or sacral region for a specific treatment regimens. Also disclosed is a system for configuring a stimulation device to deliver transcutaneous electrical stimulation (TES) the system comprising: a computing device storing or having access to a plurality or TES settings and comprising a user interface to enable authorised selection of at least on of the TES settings for provision of TES by the stimulation device according to the at least one selected TES setting and the stimulation device communicatively coupled to the computing device to receive and store the selected at least one TES setting the stimulation device being of a size to be readily carried on a body and configured to selectively provide current to external electrode according to the one TES setting.

No. of Pages : 52 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7733/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROTECTIVE DEVICE FOR ONBOARD ELECTRICAL EQUIPMENT

(51) International classification :B60K1/00,B60R16/02,B62D21/15
(31) Priority Document No :2011053466
(32) Priority Date :10/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2012/000412
Filing Date :06/03/2012
(87) International Publication No :WO 2012/120357
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MATSUMOTO Ai

(57) Abstract :
A protective device for onboard electronic equipment includes a vehicle body reinforcing member that is arranged around the electronic equipment and of which each end is fastened to an onboard fixed member and in which force required to unfasten one end is less than force required to unfasten the other end and a protective member that is mounted to a facing surface of the electronic equipment that faces the vehicle body reinforcing member such that when the electronic equipment moves to the vehicle body reinforcing member side due to receiving force from a side of a vehicle body the protective member will contact the vehicle body reinforcing member before the electronic equipment does.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7735/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STENT FOR SPLINTING A NASAL PASSAGE

(51) International classification :A61F5/08,A61F2/90,A61F5/56
(31) Priority Document No :10 2011 010 754.1
(32) Priority Date :09/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/000589
Filing Date :09/02/2012
(87) International Publication No :WO 2012/107229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DRING Klaus
3)PFEFFER Joachim Georg
4)DLAIKAN CAMPOS Nasib

(57) Abstract :
The present invention relates to a stent for splinting a nasal passage. The stent (1) consists 5 of a braided tubular support body (2) which, in unloaded state, has a diameter of at least 4 mm and a length in the range of 25 to 120 mm and particularly of 25 to 100 mm. The stent may have a widened section (15) at the proximal end for splinting of the nasal alar. It may alternatively or in combination have a fixation section (3) at the proximal end of the stent (1) for fixation of the stent (1) in a nasal passage of a user. When fixed the fixation section (3) 10 protrudes from the nostril of the user and can be fixed outside of the nose.

No. of Pages : 39 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6383/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COIL ASSEMBLY COMPRISING PLANAR COIL

(51) International classification :H01F27/28,H01F27/29,H01F41/04
(31) Priority Document No :11500071
(32) Priority Date :04/01/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2012/050075
Filing Date :04/01/2012
(87) International Publication No :WO 2012/093133
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)THORSLUND Robert

(57) Abstract :
Coil assembly (1) comprising a planar coil (2) comprising a plurality of turns (15) arranged in a trench (10) in a first magnetic core plate (3) and a second magnetic core plate (8) where the first magnetic core plate (3) and second magnetic core plate (8) are in direct contact with each other or separated by an electrically insulating insulator layer (5) with a thickness (t) equal to or less than 50 μm and least one tap (6) extends from the coil (2) in a respective via hole (11) through the first magnetic core plate (3) to a respective contact pad (7) wherein the coil (2) and the tap (6) are integrally formed.

No. of Pages : 38 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6385/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SEALING ELEMENT FOR A GATE VALVE

(51) International classification :F16K3/02,F16K39/04
(31) Priority Document No :265/CHE/2011
(32) Priority Date :28/01/2011
(33) Name of priority country :India
(86) International Application No :PCT/AU2012/000043
Filing Date :23/01/2012
(87) International Publication No :WO 2012/100287
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PAINTER Udaykumar

(57) Abstract :
An elastomeric sealing element for a gate valve is described the sealing element being generally annular in shape and having a mounting region and an abutting region; and a narrowed portion being provided between the mounting region and the abutting region to allow deformation of the sealing element to facilitate introduction of a gate between the sealing element and another sealing element; and wherein the narrowed region of the sealing element includes an external annular recess disposed around an outer surface of the sealing element. Gate valves incorporating sealing elements are also described.

No. of Pages : 14 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/07/2013

(21) Application No.6386/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MONOTERPENE DERIVATIVES OF CHALCONE OR DIHYDROCHALCONE AND THEIR USE AS DEPIGMENTING AGENTS

(51) International classification :A61K36/28,A61K31/12
(31) Priority Document No :1150386
(32) Priority Date :18/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/050669
Filing Date :18/01/2012
(87) International Publication No :WO 2012/098134
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MANDEAU Anne
2)POIGNY Stphane
3)BELAUBRE Fran§oise

(57) Abstract :
The present invention relates to new monoterpene derivatives of chalcone or dihydrochalcone and their use as a depigmenting agent.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013

(21) Application No.777/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANTI THEFT DEVICE IMPLANTED ON EXHAUST SYSEM OF AUTOMOBILES TO REDUCE VEHICLE THEFT

(51) International classification :B60R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)R.K. TYAGI
2)ROHIT KUMAR

(57) Abstract :
The present invention relates to a system and method comprising leaf shutter fixed on the exhaust pipe to reduce the theft problem of vehicle. The present system comprises shutter, DC servo motor, battery and R/C switch. The shutter is made of silicon carbide composite material (Sic) due to high temperature wear resistance capacity and long life cycle. By closing the exhaust pipe with the shutter where shutter is connected with servo motor to perform specific operation renders the vehicle inoperable. The power to servomotor is provides from the battery with the help of R/C control switch.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7770/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTOROTATING RETRACTION STRUCTURE OF NEEDLE SEAT COMPONENTS OF SAFE SYRINGE

(51) International classification :A61M5/31,A61M5/50
(31) Priority Document No :201110050259.3
(32) Priority Date :02/03/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/071139
Filing Date :14/02/2012
(87) International Publication No :WO 2012/116596
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHANG Shu ming

(57) Abstract :
An autorotating retraction structure of needle seat components of a safe syringe includes a cylinder (10), a needle seat group (A), and a push rod (20). The needle seat group (A) includes an annular rotating member (30) and a rotation limiting member (40) pivoted with each other, a passive rotating portion (38) disposed inside the annular rotating member (30), a non-circular slot (45) disposed inside the rotation limiting member (40), the passive rotating portion (38) and the non-circular slot (45) forming an automatic eccentric rotation device of the needle seat group (A), and a dialing portion (24) and a non-circular section (28) respectively corresponding to the passive rotating portion (38) and the non-circular slot (45) disposed at a front section of the push rod (20). When the push rod (20) is pushed forward, an engaging slot (31) of the needle seat group (A) and a corresponding engaging stopper (11) of the cylinder (10) autorotate from a limiting locking state to a nonlimiting unlocking state through the automatic eccentric rotation device of the needle seat group (A), and at the same time the push rod (20) is disposed in the needle seat group (A), so that it is convenient for a user to retract an injection member (50) and the needle seat group (A) into the cylinder (10) after injection is completed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013
(21) Application No.6900/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRONICALLY CONTROLLED HIGH FREQUENCY JET VENTILATION LARYNGOSCOPE

(51) International classification :A61B1/267,A61M16/00
(31) Priority Document No :201110198119.0
(32) Priority Date :08/07/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2011/002102
Filing Date :14/12/2011
(87) International Publication No :WO 2013/007001
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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(57) Abstract :
The present invention relates to an electronically controlled high frequency jet ventilation laryngoscope which includes the laryngoscope handle and the laryngoscope blade; an oxygen supply tube is set within the laryngoscope handle, the front end of oxygen supply tube is placed on the front end of the laryngoscope blade. The laryngoscope also includes an electronic controller consisting of a shell body, a display screen, a solenoid valve, a power supply module, a control module and a control switch. The shell body is fixed at the top of the laryngoscope handle; the display screen and control switch are set on the shell body; the power supply module and control module are set within the shell body; the solenoid valve is set on the oxygen supply tube within the laryngoscope handle; the display screen, control module and control switch are connected with the power supply module; and the control module is connected with the display screen and the solenoid valve, respectively. Advantages: the oxygen supply is carried out by high-frequency jet ventilation through electronic automatic control process during the intubation of human lung resuscitation trachea to promptly treat critical patients. The self-powered laryngoscope is compact and flexible, portable, easy to operate as well as accurate and reliable to use, thus is suitable to a variety of on-site resuscitation in maneuvering situation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6901/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A DIRECT DRIVE GENERATOR

(51) International classification :F03D9/00,F03D11/00,H02K5/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/050095
Filing Date :05/01/2011
(87) International Publication No :WO 2012/092967
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MˇLLER HANSEN Frank
2)KRISTENSEN Jonas

(57) Abstract :
The present invention relates to a direct drive generator (1) for a wind turbine the generator comprising a rotor (6) configured to rotate about an axis of rotation a stator (2) configured to remain stationary relative to the rotor and at least one bearing (5) connected to the stator (2). The rotor (6) comprises at least one rotor part (7) extending circumferentially about the axis of rotation and a plurality of active materials arranged on a side of the at least one rotor part. The stator (2) comprises at least one stator part (3) extending circumferentially about the axis of rotation and positioned adjacent to the at least one rotor part (7) and at least one winding arrangement (4) supported by the at least one stator part (3) and facing the plurality of active materials. The bearing (5) is flexibly connected to the at least one stator part (7) wherein the bearing (5) abuts the rotor part (3) to help maintain a gap (10) between the at least one winding arrangement (4) and the active materials.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6902/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HYSTERETIC CURRENT MODE CONTROLLER FOR A BIDIRECTIONAL CONVERTER WITH LOSSLESS INDUCTOR CURRENT SENSING

(51) International classification :G01R19/00,H02M3/158
(31) Priority Document No :2011/01112
(32) Priority Date :11/02/2011
(33) Name of priority country :South Africa
(86) International Application No :PCT/ZA2012/000006
Filing Date :08/02/2012
(87) International Publication No :WO 2012/109680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A system and circuit for achieving bidirectional hysteretic current mode control of a converter. The system comprises a summer that provides a constant hysteresis and has added switching noise immunity a comparator a lossless inductor current sense means and a converter. A circuit using the inductors internal resistance for sensing the current through an inductor in a lossless manner is described. The circuit preserves both DC and dynamic current information while incorporating the RC time constant difference amplifier and signal amplification all using only one amplifier. This circuit provides excellent common mode and differential noise immunity while still having a high bandwidth and small group delay of the current signal. A method to accomplish stability of a current mode controlled converter when closing the loop to control the output voltage with very high accuracy and gain is described.

No. of Pages : 21 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6932/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BLADE PLATFORM ASSEMBLY FOR SUBSONIC FLOW

(51) International classification :F01D5/14,F04D29/68,F01D5/30
(31) Priority Document No :1151069
(32) Priority Date :10/02/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050253
Filing Date :06/02/2012
(87) International Publication No :WO 2012/107676
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PERROT Vincent Paul Gabriel
3)RIOS Jean Fran§ois

(57) Abstract :
An assembly comprising an airfoil (20) for a bladed 5 wheel together with a platform, such airfoils in association with such platforms forming a bladed wheel. The platform surface as formed in this way presents a circumferential depression (40) between the leading edge of an airfoil at 60% of the airfoil going downstream. 10 The term skeleton curve (46) is used to designate the curve plotting variations in a skeleton angle of the airfoil as a function of position along the axis of the wheel; and the term linearized skeleton curve designates the curve that provides a straight line 15 connection between the points representing the skeleton angle respectively at 10% and at 90% of the axial extent of the airfoil from its leading edge. According to the invention, in the vicinity of the platform, a lowered portion (44) of the skeleton curve lying under the 20 linearized skeleton curve extends axially over at least half of the axial extent of said depression.

No. of Pages : 25 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6933/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR REDUCING THE BENZENE CONTENT OF GASOLINE

(51) International classification :C07C2/66,C10G29/20,C10G63/02
(31) Priority Document No :PCT/US2011/023912
(32) Priority Date :07/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062648
Filing Date :30/11/2011
(87) International Publication No :WO 2012/108926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)MOY J. Erik
5)PETERS Joseph C.

(57) Abstract :
A process is disclosed for alkylating benzene contained in a benzene containing refinery gasoline stream also comprising at least 0.1 wt % of at least one C6 to C8 olefin. In the processs the refinery gasoline stream is contacted under alkylation conditions with an alkylating agent selected from one or more C2 to C5 olefins in at least a first alkylation reaction zone and a second alkylation reaction zone connected in series to produce an alkylated effluent which has reduced benzene content as compared with said refinery gasoline stream. All of the refinery gasoline stream is introduced into the first alkylation reaction stage whereas an aliquot of the alkylated effluent is recycled and introduced to the second but not the first alkylation reaction zone.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6934/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR REDUCING THE BENZENE CONTENT OF GASOLINE BY ALKYLATING BENZENE USING A LOWER OLEFIN IN THE PRESENCE OF A PARAFFINIC DILUENT

(51) International classification :C07C2/66,C10G29/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/023904
Filing Date :07/02/2011
(87) International Publication No :WO 2012/108861
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BIRKHOFF Ronald
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4)MOY J. Erik
5)PHERWANI Geeta

(57) Abstract :
A process for reducing the benzene content of gasoline stream such as a reformate or light naphtha comprises alkylating the gasoline stream in a reaction zone with an olefin alkylating agent. A paraffinic stream comprising C5 to ClO paraffins is fed to the inlet of the alkylation reaction zone.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6935/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CHOP GATE AND NOZZLE

(51) International classification :B22D41/22,B22D41/24,B22D41/28
(31) Priority Document No :11171655.1
(32) Priority Date :28/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/002695
Filing Date :27/06/2012
(87) International Publication No :WO 2013/000566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RENARD Jean luc

(57) Abstract :
The present invention concerns a shop gate and a nozzle (1) suitable for being coupled with the bottom floor (10a) of a tundish (10) said nozzle comprising a hollow tube with an axial bore (2) extending from an inlet (2a) opening at a first end of the nozzle to an opposite outlet (2b) opening at or adjacent the second opposite end and comprising a flange (5) extending substantially normal to the axis of the tube and located between said first and second ends characterized in that the flange comprises a lower guiding surface (5b) facing towards the second end of the tube said guiding surface (5b) being flat and substantially normal to the tube.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6936/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR REDUCING THE BENZENE CONTENT OF GASOLINE

(51) International classification :C07C2/66,C10G29/20
(31) Priority Document No :PCT/US2011/023900
(32) Priority Date :07/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/062626
Filing Date :30/11/2011
(87) International Publication No :WO 2012/108924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BIRKHOFF Ronald
3)GUARINO Richard F.
4)MOY J. Erik
5)PETERS Joseph C.

(57) Abstract :
In a process for alkylating benzene contained in a benzene containing refinery gasoline stream the benzene containing refinery gasoline stream is contacted with an alkylating agent selected from one or more C2 to C5 olefins in at least one alkylation reaction zone under alkylation conditions to produce an alkylated effluent which has reduced benzene content as compared with said refinery gasoline stream and is essentially free of said alkylating agent. An aliquot of the alkylated effluent is then recycled to the one at least one alkylation reaction zone such that the molar ratio of alkylatable aromatic compounds to said alkylating agent in the combined refinery gasoline and recycle streams introduced into the at least one alkylation reaction zone is at least 1.0:1.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6889/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTRAMEDULLARY NAIL HAVING SELF RETAINING COMPRESSION SLOT

(51) International classification :A61B17/92,A61B17/72,A61B17/17
(31) Priority Document No :61/442397
(32) Priority Date :14/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024978
Filing Date :14/02/2012
(87) International Publication No :WO 2012/112495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OVERES Tom

(57) Abstract :
An intramedullary nail has a scalloped compression slot so as to define a plurality of pockets and intersections between the pockets that are narrower than the pockets. Accordingly a compression member can be inserted into a bone segment of a fractured bone and into the slot. The compression member can be wider than the intersections. A compression actuator can apply a force against the compression member that causes the compression member to translate across the intersections from pocket to pocket until the fracture has been approximated. Because the compression member is wider than the intersections the compression slot retains the compression member and prevents distraction of the fracture.

No. of Pages : 61 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013

(21) Application No.778/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOW COST AND ECO-FRIENDLY PRODUCTION OF AN ELECTRO-ACTIVE HYBRID COMPOSITE OF POLYANILINE AND BINARY METAL DICHALCOGENIDE.

(51) International classification :C08J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a novel method for the preparation of a low cost polyaniline (PANI) and binary metal dichalcogenide preferably nickel disulfide (NiS2) hybrid composite material through a solid state mixing route by a thorough mixing of NiS2 powder with conducting polyaniline base form. The synthesized PANI-NiS2 composite is a eost effective material and exhibit active electrical characteristics. The specific conductivity of PANI-MS2 composite ranges from 1.59xlOScm to 3.27xlOScm. The PANI-NiS2 composite of the present invention has potential applications in various electronic devices such as but not limited to batteries, electrochromic display devices, sensors, etc.

No. of Pages : 14 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7782/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STEEL CORD FOR RUBBER ARTICLE REINFORCEMENT AND PNEUMATIC RADIAL TIRE USING SAME

(51) International classification :B60C9/00,B60C9/18,B60C9/20
(31) Priority Document No :2011066739
(32) Priority Date :24/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057650
Filing Date :23/03/2012
(87) International Publication No :WO 2012/128372
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
Provided is a steel cord for reinforcing rubber articles which, when applied to a belt of a tire, can attain lightweight without reducing the durability of the tire, and in particular, to a steel cord for reinforcing rubber articles in which the properties of a treat after rubberizing are excellent and a pneumatic radial tire using the same. Also provided is a steel cord for reinforcing rubber articles comprising a core formed by arranging two core filaments 1 in parallel without being twisted together, and N ($2 < N < 4$) sheath filaments 2 which are twisted together around the core. Letting the diameter of the core filament 1 be dl, and the diameter of the sheath filament 2 be d2, $dl > d2$.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7783/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POLAR SOLUBLE OXYGEN SCAVENGING COMPOSITIONS

(51) International classification :C08L77/00,C08L67/00
(31) Priority Document No :61/444471
(32) Priority Date :18/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025744
Filing Date :17/02/2012
(87) International Publication No :WO 2012/112957
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MURRAY Aaron

(57) Abstract :
Butadiene isoprene and terpene based materials are soluble in polymer matrices such as polyethylene terephthalate when the butadiene isoprene or terpene compound also contains allylic carbons afterwith at least one polar moiety which is non reactive to the matrix polymer. These compounds can be oxygen scavengers when in the presence of cobalt or manganese compounds and have been found to have substantially reduced haze in the final package.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7784/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCTION PROCESS FOR A MOULDED MULTILAYER LINING

(51) International classification :B60R13/08,B29C35/04,B29C43/52
(31) Priority Document No :11159402.4
(32) Priority Date :23/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054383
Filing Date :13/03/2012
(87) International Publication No :WO 2012/126775
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GODANO Philippe
4)K–NIGBAUER Stefan
5)KRAUSE Wenzel

(57) Abstract :
Production method for a multilayer lining for thermal and sound insulation with the steps of blending reinforcement fibers and polyamide matrix material in the form of fibers flakes or powder and forming a web of said blend; layering said blended web and at least an additional layer chosen from an open cell foam layer a heat reflective layer or another of said blended web inside a mould; treating the stacked multilayer material with pressurized saturated steam such that the polyamide matrix material in the blended web is melting at a temperature under steam pressure that is lower than the melting temperature of the polyamide matrix according to DSC thereby binding the reinforcement fibers together thus consolidating the blended web forming a porous reinforcement layer and all layers of the multilayer are laminated together.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.731/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD AND SYSTEM FOR REPORTING VIEWERSHIP BY AN INDIVIDUAL

(51) International classification :B07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ANJANI KUMAR GUPTA

(57) Abstract :
Accordingly it is a principle object of the present invention to overcome the disadvantages and limitations of prior art methods and systems and provide a method and system for automatic optimal selection of channels and programs through real time accurate feedback from the viewers for broadcast of the commercial advertisement, constituted in accordance with the principles of the present invention wherein the system will carry associative functions of the method for obtaining real time accurate feedback from the viewers for predicting channels and programs for broadcast the commercial. It is yet another object of the present invention to provide the order of suitability of the channels and programs by providing a list of channels and programs in which the advertiser has the greatest probability of successful broadcast of the commercial advertisements with better revelation of the commercial advertisement through real time accurate feedback from the viewers.

No. of Pages : 42 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7795/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS FOR INTEGRATED NATURAL GAS PURIFICATION AND PRODUCTS PRODUCED THEREFROM

(51) International classification :C07C5/327
(31) Priority Document No :61/448441
(32) Priority Date :02/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027103
Filing Date :29/02/2012
(87) International Publication No :WO 2012/118888
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NUNLEY Mark Allen
2)BHASIN Madan Mohan
3)ETZKORN William George
4)KELLER George Ernest
5)WADIA Parvez H.

(57) Abstract :
There is disclosed a method of coupling and integrating natural gas recovery and separation along with chemical conversion. In one embodiment the method comprises extracting at least one natural gas component from a natural gas stream. Non limiting examples of the component that can be extracted include ethane propane butanes and pentanes. There is also disclosed a method that comprises contacting a natural gas stream with a catalyst under conditions that selectively convert the natural gas component into at least one product such as ethylene acetic acid polyethylene vinyl acetate ethylene vinyl acetate ethylene oxide ethylene glycol and their derivatives propylene polypropylene propylene oxide propylene glycol acrylates acrolein acrylic acid butenes butadiene methacrolein methacrylic acid methacrylates and their derivatives. The products can then be separated from the remaining components of the natural gas stream. There is also disclosed a method of integrating the production of ethylene acetic acid and/or vinyl acetate with the polymerization of ethylene based polymers such as polyethylene ethylene vinyl acetate ethylene vinyl alcohol polyvinyl acetate and polyvinyl alcohol.

No. of Pages : 43 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7796/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROASTED COFFEE BEANS

(51) International classification :A23F5/10
(31) Priority Document No :2011048994
(32) Priority Date :07/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055664
Filing Date :06/03/2012
(87) International Publication No :WO 2012/121239
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KUSAURA Tatsuya

(57) Abstract :
Provided is a process for producing roasted coffee beans, which are useful as a starting material for a coffee beverage having a suppressed unpleasant taste and have a roast degree within a predetermined level or less The process for producing roasted coffee beans of the present invention comprises placing starting material roasted coffee beans having an L value of from 21 to 50 in an airtight container and subjecting the roasted coffee beans to a heat treatment at from 100 to 160°C.

No. of Pages : 69 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7797/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CIS ALKOXY SUBSTITUTED SPIROCYCLIC 1 H PYRROLIDINE 2 4 DIONE DERIVATIVES

(51) International classification :C07D235/02
(31) Priority Document No :11157904.1
(32) Priority Date :11/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/053810
Filing Date :06/03/2012
(87) International Publication No :WO 2012/123287
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCHNATTERER Albert
2)HIMMLER Thomas
3)FISCHER Reiner

(57) Abstract :
Process for preparing cis-alkoxy-substituted spirocyclic lH-pyrrolidine-2,4-dione derivatives and alkali metal salts and alkaline earth metal salts thereof.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013

(21) Application No.776/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONNECTOR ASSEMBLY

(51) International classification :H01H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PRANAYA LAMA
2)ANIL KAMAT
3)MILIND TAMHANE

(57) Abstract :
The present invention relates to electrical connections and cable assemblies useful in telecommunications and data transfer applications. The invention provides for a connector assembly for terminal connection to a communications cable comprising an electrical connector interengaged with the boot and secured with locking means. The invention also provides for a method for assembling and disassembling the connector assembly.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7761/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TURBINE COMPRISING A SEALING DEVICE BETWEEN THE STATOR BLADE CARRIER AND THE HOUSING

(51) International classification :F01D11/00,F01D25/24,F02C7/28
(31) Priority Document No :00342/11
(32) Priority Date :28/02/2011
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2012/053235
Filing Date :27/02/2012
(87) International Publication No :WO 2012/116943
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WROBEL Andras
2)GEIST Egon

(57) Abstract :
The invention relates to a turbine (1) of a power plant, preferably a steam turbine, comprising a stator (2), which has a housing (4) and in the housing (4) at least one stator blade carrier (5, 6, 7) comprising stator blades (8), a rotor (3), which has a rotor shaft (9) comprising rotor blades (11), and at least one sealing device (12), which axially seals the respective stator blade carrier (5, 6, 7) with respect to the housing (4) and separates two regions (20, 21) having different pressures from one another. Improved sealing action is achieved in that the sealing device (12) comprises an axially acting primary sealing ring (24) extending in the circumferential direction, said sealing ring facing the region (21) having the lower pressure, and an axially acting additional sealing ring (25) extending in the circumferential direction, said sealing ring facing the region (20) having the higher pressure. The primary sealing ring is attached axially rigidly on the stator blade carrier and the additional sealing ring is attached axially movably, wherein the additional sealing ring is tensioned axially in the direction of the region having the higher pressure by means of at least one spring element.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013

(21) Application No.780/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VISION BASED REMOTE CONTROL MECHANISM FOR A ROBOTIC HAND

(51) International classification :H03J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ANAND KIRORI

(57) Abstract :
The present invention discloses a method of controlling a robot system and an apparatus thereof: the development of light weight multi-fingered robotic arm much like the human hand in which the robotic hand is operated by the movement of real human hand of Master using Image processing; the communication medium between the Master-Slave by transmitting the Real-time video signals over the internet to increase the distance of operation; and the development of the central processing unit which converts the received signal of real-time video by processing the signals and then controlling the motors attached to robot hand. The five-finger robot hand is designed with 14 DOF wherein the 3 of each finger and 2 of thumb. In the present invention, separate modules are designed in which each for different purpose as, image processing engine, robotic hand hardware, and microcontroller board with motor driving, transmission of image over IP address and USB to Serial data conversion, and they are integrated to result into a fully functional robotic hand after successful development of the individual modules.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7800/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMBINED HYDROGEN AND PRESSURE SENSOR ASSEMBLY

(51) International classification	:G01D21/02,H01F27/12,G01N33/26
(31) Priority Document No	:13/076617
(32) Priority Date	:31/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/030321 :23/03/2012
(87) International Publication No	:WO 2012/135012
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(57) Abstract :
A housing sensor having a semiconductor element for measuring hydrogen concentration in an insulating fluid in equipment having a mounting flange having a plurality of bolt receiving openings in a first pattern. The sensor includes a first flange having one or more openings and an outer periphery. The sensor also includes a tubular housing support member having one end received in one of the openings and a plurality of bolt receiving apertures arranged in a pattern corresponding to the first pattern within the outer periphery of the first flange. The sensor further includes at least one wire receiving opening extending through the housing body a cover closing an end of the housing body distal from the one end a first seal disposed between the first flange and the tubular housing support member and a second seal disposed on the first flange for engaging the mounting flange.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7718/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF MANUFACTURING A MAGNETIC SUBSTRATE FOR AN ENCODER

(51) International classification :C21D7/02,C21D7/10,C21D8/12
(31) Priority Document No :1103675.3
(32) Priority Date :03/03/2011
(33) Name of priority country :U.K.
(86) International Application No:PCT/GB2012/000220
Filing Date :05/03/2012
(87) International Publication No :WO 2012/117230
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)RENISHAW PLC
(72)**Name of Inventor :**
1)KOGEJ Peter
2)LESKOVSEK Vojteh

(57) Abstract :
The present invention relates to a method for producing a magnetic substrate for an encoder scale. The method comprising the step of mechanically working the substrate wherein the substrate is cooled prior to the mechanical working step. In one embodiment a stainless steel substrate is used. The stainless steel may comprise an austenite (non magnetic) phase and a martensite (magnetic) phase. Mechanically working and cooling in this manner increases the amount of magnetic (martensite) phase material that is formed thereby improving the magnetic contrast when non magnetic (austenite) marking are subsequently formed on the substrate by laser marking.

No. of Pages : 12 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7719/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HEAT SEALABLE FOOD PACKAGING FILMS METHODS FOR THE PRODUCTION THEREOF AND FOOD PACKAGES COMPRISING HEAT SEALABLE FOOD PACKAGING FILMS

(51) International classification :C08J5/18,C09K3/10,B65D65/38
(31) Priority Document No :61/451893
(32) Priority Date :11/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028055
Filing Date :07/03/2012
(87) International Publication No :WO 2012/125364
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TING Yuan Ping Robert
2)PORTER Simon J.
3)GUHSE Ken

(57) Abstract :
Heat sealable food packaging films methods for the production thereof and food packages comprising heat sealable food packaging films are provided. The heat sealable food packaging film includes a humidity dependent permeable film having a moisture vapor transmission rate that increases with an increase in relative humidity (RH). An outer coating comprises a coating material on at least one surface of the humidity dependent permeable film. The coating material is selected from a nanoclay dispersed in a poly vinylidene chloride (PVdC) polymer or a stretchable urethane polymer a stretchable acrylic polymer or a combination of stretchable urethane polymer and stretchable acrylic polymer. The coating material may further comprise an anti blocking agent. The heat sealable food packaging film is biaxially oriented.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7804/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HYBRID TRANSMISSION FOR A MOTOR VEHICLE AND CONTROL METHOD

(51) International classification :B60K6/442,B60K6/48,B60K6/547
(31) Priority Document No :1152805
(32) Priority Date :01/04/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050661
Filing Date :29/03/2012
(87) International Publication No :WO 2012/131259
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)FREMAU Nicolas
2)VIGNON Antoine
3)RANDI Sid Ali
4)KETFI CHERIF Ahmed

(57) Abstract :
The invention relates to a hybrid transmission for a motor vehicle having a heat engine and a driving electrical machine (7) comprising two concentric primary shafts (1 6) each of which has at least one intermediate drive (4 8 9) on a secondary shaft (10) connected to the wheels of the vehicle characterized in that the transmission has a first means (5) for coupling the two primary shafts (1 6) together said means being capable of assuming at least three positions i.e. a position in which: the heat engine is separated from the drive train connecting the electrical machine (7) to the wheels (position 1); the heat engine drives the wheels with or without the assistance of the electrical machine (position 2); and the heat engine and the electrical machine (7) are coupled together so as to add to the respective torques thereof to the wheels (position 3).

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7805/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EDGE REPLACEABLE BALL END MILL

(51) International classification :B23C5/10,B23C5/22
(31) Priority Document No :2011046814
(32) Priority Date :03/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055562
Filing Date :05/03/2012
(87) International Publication No :WO 2012/118222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOBAYASHI Yoshiyuki
3)HIGASAYAMA Haruhisa
4)NIWA Seiji

(57) Abstract :
An indexable ball end mill comprising first toThirdlnserts having arcuate cutting edges detachably attached with first to third screws to first$6 third seats in a semispherical tip end portion of a tool body; a first threaded hole 5 for the first screw slantingly penetrating a slit-shaped first seat; the first insert having an inclined hole to avoid interference between the first screw and the second and third screws; a hole of the first insert and the first screw having at least partially finished surfaces, so that when the first screw penetrates the first insert attached to the first seat, the first insert is precisely positioned by tight 10 engagement of both finished surfaces.

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6890/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IN WHEEL MOTOR DRIVE DEVICE

(51) International classification :B60K7/00
(31) Priority Document No :2011010453
(32) Priority Date :21/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050300
Filing Date :11/01/2012
(87) International Publication No :WO 2012/098958
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SUZUKI Minoru

(57) Abstract :
An object of the present invention is to provide an in-wheel motor driving device which has a deceased axial dimension and 5 includes aluminum alloy housings having a minimum wall thickness for reduced weight while retaining good assemblability. An in-wheel motor driving device includes a wheel braking device. A back plate 71b of a drum brake 71 or a mounting member 72c for calipers 72b of a disc brake 72 10 constituting the wheel braking device is formed integrally with an outboard-side end member 22d which is fastened to a outboard-side end surface of a housing 22b of a speed reducer section B, for reduced number of parts and minimal axial dimension.

No. of Pages : 37 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6891/DELNP/2013 A
(43) Publication Date : 12/12/2014

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

(51) International classification :H04N7/26
(31) Priority Document No :2011027896
(32) Priority Date :10/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/050931
Filing Date :18/01/2012
(87) International Publication No :WO 2012/108237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TANAKA Junichi

(57) Abstract :
Provided is an image processing device including an acquiring section configured to acquire quantization matrix parameters from an encoded stream in 5 which the quantization matrix parameters defining a quantization matrix are set within a parameter set which is different from a sequence parameter set and a picture parameter set, a setting section configured to set, based on the quantization matrix parameters acquired by the acquiring section, a quantization matrix which is used when inversely quantizing data decoded from the encoded stream, and an inverse 10 quantization section configured to inversely quantize the data decoded from the encoded stream using the quantization matrix set by the setting section.

No. of Pages : 115 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6892/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ACTUATOR AND HARDWARE SYSTEM FOR A VEHICLE SEAT

(51) International classification :B60N2/36
(31) Priority Document No :10 2011 010 700.2
(32) Priority Date :03/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/000481
Filing Date :03/02/2012
(87) International Publication No :WO 2012/104093
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)K„MMERER Joachim
3)RECKTENWALD Ralph

(57) Abstract :
The invention relates to an actuator (71) for a vehicle seat, comprising a handle (41) for jointly actuating two locks (23), a force transfer between the handle and each lock, a first indicator (51) associated with the first force transfer, and a second indicator associated with the second force transfer, wherein the two indicators each indicate the respective locking status of the associated lock, and the two indicators actuate an overall indicator (61) by means of a logical OR function in order to visibly indicate the unlocked state. The force transfer is preferably formed from Bowden cables (43).

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6893/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DECONTAMINANT CARBON/POLYMER COMPOSITE DECONTAMINATION SHEET MEMBER AND FILTER MATERIAL

(51) International classification :B01J20/20,C01B31/10,C02F1/28
(31) Priority Document No :2011026858
(32) Priority Date :10/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/000854
Filing Date :09/02/2012
(87) International Publication No :WO 2012/108198
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)IIDA Hironori
3)MINATOYA Machiko
4)TABATA Seiichiro
5)YAMADA Shinichiro

(57) Abstract :
To provide a filter medium that can fully exert a water purifying function even under a large 5 filtration flow rate, and is difficult to cause a problem such as leakage from a water cleaner together with purified water. [Solving Means] A filter medium of the present invention includes a porous carbon material having a 10 value of a specific surface area by a nitrogen BET method of 1 x 10 m/g or more, a volume of fine pores by a BJH method of 0.3 cm/g or more, and a particle size of 75 |Jm or more, alternatively, a porous carbon material having a value of a specific surface area by a 15 nitrogen BET method of 1 x 10 m/g or more, a total of volumes of fine pores having a diameter of from 1 x 10 m to 5 X 10 m, obtained by a non-localized density functional theory method, of 1.0 cm/g or more, and a particle size of 75)jm or more. 20

No. of Pages : 116 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013

(21) Application No.781/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRESCRIPTION BASED MEDICINE DISPENSER (PBMD)

(51) International classification :B07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)AKASH
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7)RRD KIRORI
(72)**Name of Inventor :**
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3)AKASH
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5)RRD KIROSI
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7)SHAILESH

(57) Abstract :
Prescription Based Medicine Dispenser (PBMD).The device is a complete solution for elder people and senior citizens to keep track of medicine and dispense of medicine on time. This device contains different trays where medicine will be placed and a user friendly console where user can enter the name of medicine, contact number of local guardian. Internal clock in the device will keep track of time and raise alarm for 10 minutes indicating the time to take the medicine. Tray 1 and 2 will get eject from device with medicine in it. The device will sense where patient has taken the medicine or not. If patient has taken the medicine, the tray will get inside into device and wait till evening. In evening, only tray 2 will eject. If patient didnt took the medicine within 20 minutes after the alarm, SMS will be generated and sent to the local guardians contact number with the details of medicine and the time it was skipped. Also, it generate SMS when tray is about to empty for refilling the medicine.

No. of Pages : 4 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6952/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTI CHAMBERED CONTAINER

(51) International classification :A61J1/05,B65D81/32
(31) Priority Document No :2011018245
(32) Priority Date :31/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052053
Filing Date :31/01/2012
(87) International Publication No :WO 2012/105524
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KOUNO Katsumi
2)SAKAI Hidetoshi
3)SHIMIZU Kaoru
4)KAWAI Takahide

(57) Abstract :
The present invention relates to a multi-cell container having a partition wall capable of separately storing medicines, each of which is of powdered state and of mixing with each other under I simple and quick manner for providing a water solution. I [Means for Solving the Problem] I The multi-cell container includes a bag of substantially flat shape made of flexible film, a partition wall as a separable seal welding opposite inner surfaces of the bag and dividing an inner space of the bag into a plurality of compartments and an inlet-outlet port located at a periphery of the bag so as to be opened to one of the plurality of compartments for introduction and/or discharge of liquid. The partition wall has a horizontal section extending in a direction along the bottom of the bag and a vertical section bent therefrom and extending to the topside of the bag. A first larger volume compartment is formed on one side of the partition wall adjacent the bag bottom and a second smaller volume compartment is formed on the other side of the partition wall. The inlet-outlet port is opened to the first chamber.

No. of Pages : 41 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6953/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIGHT EXTRACTING SUBSTRATE FOR ORGANIC LIGHT EMITTING DIODE

(51) International classification :H01L51/52,H01L51/44
(31) Priority Document No :61/440588
(32) Priority Date :08/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/023705
Filing Date :03/02/2012
(87) International Publication No :WO 2012/109095
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LU Songwei

(57) Abstract :
A light extraction substrate includes a glass substrate having a first surface and a second surface. A first light extraction region can be defined on and/or adjacent the first surface. The first light extraction region includes nanoparticles. A second light extraction region can be defined on at least a part of the second surface. The second light extraction region has a surface roughness of at least 10 nm.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7817/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR MANUFACTURING CASING AND VACUUM PUMP

(51) International classification :F04C29/00,F04C18/344,F04C25/02
(31) Priority Document No :2011028481
(32) Priority Date :14/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053138
Filing Date :10/02/2012
(87) International Publication No :WO 2012/111561
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)KUSANAGI Shinichi

(57) Abstract :
Damage of a rotor and a side plate are suppressed with a simple construction to prevent reduction in durability of a vacuum pump. A casing manufacturing method comprises a step (step S2) of disposing a cylinder linear forming a cylinder chamber in a mold, and casting a casing main body integrally with the cylinder linear by using molten metal, and a step (step S3) of processing an intercommunication hole and an exhaust hole so that the intercommunication hole and the exhaust hole penetrate through both the cylinder linear and the casing main body together and intercommunicate with the cylinder chamber.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7818/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BULK MATERIAL CONVEYOR BELT SCRAPER HAVING A DUST SKIRT AND METHOD OF USING THE SAME

(51) International classification :B65G45/12
(31) Priority Document No :13/053782
(32) Priority Date :22/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029398
Filing Date :16/03/2012
(87) International Publication No :WO 2012/129078
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SWINDERMAN Robert Todd
2)GAUSS Joerg
3)MEISTER Oleg

(57) Abstract :
An improved bulk material conveyor belt scraper comprises a skirt that shields mounting surfaces from the bulk material dust. By shielding the mounting surfaces from bulk material dust such dust does not interfere with the replacement of the scraper blade. The belt scraper also comprises an improved securing mechanism for attaching belt scrapers to belt scraper mounts. The improved securing mechanism comprises pegs that have an elongate transverse cross section that more evenly distributes bearing loads between the belt scrapers and their respective mounts. This eliminates local yielding that can cause belt scrapers to become loose over time.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013
(21) Application No.7819/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONVEYOR BELT AND PIPE CONVEYOR

(51) International classification :B65G15/34,B65G15/08
(31) Priority Document No :2011041558
(32) Priority Date :28/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054395
Filing Date :23/02/2012
(87) International Publication No :WO 2012/117932
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ENSHU Hirozumi

(57) Abstract :
Provided is a conveyor belt (2) that includes a body rubber (21) extending in a longitudinal direction of the belt; a plurality of tension bodies (22) that extend in the 5 longitudinal direction of the belt, are disposed in a width direction of the belt, and are embedded in the body rubber (21); and a reinforcement layer (23) that extends in the longitudinal direction of the belt and is embedded in at least one of portions within the body rubber (21), which is located between the tension bodies (22) and each of top surface and bottom surfaces of the body rubber (21), wherein the reinforcement layer 10 (23) is formed in which a plurality of fabric members (24) extending in the longitudinal direction of the belt are continuously provided in the width direction of the belt, the side end sections (24a) of the fabric members (24) among the fabric members (24), which are adjacent to each other in the width direction of the belt are connected to each other to form a fabric joint section (25), and the fabric joint section (25) is disposed on the inner 15 side in the width direction of the belt rather than the both side end sections in the body rubber (21), and is disposed on an intermediate section (21c) that includes the center in the width direction of the belt.

No. of Pages : 35 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7696/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR BENDING SHEET METAL AND PRODUCT OF SHEET METAL

(51) International classification :B21D22/20,B21D5/02,B21D5/08
(31) Priority Document No :2011046254
(32) Priority Date :03/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055590
Filing Date :05/03/2012
(87) International Publication No :WO 2012/118223
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MIZUMURA Masaaki
2)SATO Koichi
3)SHIRAKAMI Satoshi

(57) Abstract :
A method for bending a sheet metal comprises: a hardness adjustment process wherein a blank (10), 5 including a high-hardness region (11) and a low-hardness region (12) having a lower hardness than the high hardness region (11), is formed by changing the hardness of at least a part of a sheet metal; and a bending process wherein a product (20) is formed by bending low- 10 hardness region (12) of blank (10).

No. of Pages : 82 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7697/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AMORPHOUS (5 FLUORO 2 METHYL 3 QUINOLIN 2 YLMETHYL INDOL 1 YL) ACETIC ACID

(51) International classification :C07D401/06,A61K31/4709
(31) Priority Document No :1103837.9
(32) Priority Date :07/03/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/052504
Filing Date :14/02/2012
(87) International Publication No :WO 2012/119841
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)THIBERT Roch

(57) Abstract :
The invention relates to a stable amorphous form. of (5 Fluoro 2 methyl 3 quinolin 2 ylmethyl indol l yl) acetic acid and its use in the treatment of conditions mediated by the action of PGD at the CRTH2 receptor.

No. of Pages : 90 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7698/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FABRIC CARE COMPOSITIONS COMPRISING FRONT END STABILITY AGENTS

(51) International classification :C11D3/00,C11D1/62,C11D3/20
(31) Priority Document No :61/469140
(32) Priority Date :30/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031071
Filing Date :29/03/2012
(87) International Publication No :WO 2012/135411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)FINLEY Kristin Marie
3)HALL Nathan
4)HODGDON Travis Kyle
5)VINSON Phillip Kyle
6)CORONA Alessandro III

(57) Abstract :
Fabric softening compositions comprising front end stability agents exhibiting desirable viscosity profiles even when they contain polymeric delivery enhancing agents. Compositions comprising softening actives based on hardened tallow fatty acids are pumpable pourable liquids and provide low dose fabric softeners for consumer use.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7699/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BEVERAGE CAPSULE FOR PREPARING A BEVERAGE BY CENTRIFUGATION IN A BEVERAGE PREPARATION DEVICE

(51) International classification :A47J31/22,B65D85/804
(31) Priority Document No :11160908.7
(32) Priority Date :01/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055609
Filing Date :29/03/2012
(87) International Publication No :WO 2012/130928
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)GERBAULET Arnaud
3)TINEMBART Jean Fran§ois
4)PERENTES Alexandre

(57) Abstract :
Beverage capsule for preparing a beverage in a beverage preparation device from a capsule containing beverage ingredients by passing water through the ingredients contained in the capsule using centrifugal forces said device comprising means for driving the capsule in rotation around an axis of rotation (I) a capsule holder for receiving the capsule and a water injection means for injecting water in the capsule said device further comprising a valve means for engaging a valve engaging portion of the capsule; said valve means comprising a pressing ring; the capsule comprising a body and a lid and a valve engaging portion designed for being inserted between the capsule holder and the valve means of the device; wherein said capsule comprises an outlet structure forming beverage flow restriction passages of defined cross section in the capsule at such and/or as a result of the insertion of the valve engaging portion between the capsule holder and the pressing ring of the valve means.

No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7827/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR THE RETARDED COKING OF PETROLEUM RESIDUES

(51) International classification :C10B55/00
(31) Priority Document No :NA
(32) Priority Date :29/08/2012
(33) Name of priority country :
(86) International Application No :PCT/RU2012/000709
Filing Date :29/08/2012
(87) International Publication No :WO 2014/035279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SUKHOV Sergei Vitalevich
4)MAMAEV Mikhail Vladimirovich
5)BIDILO Igor Viktorovich
6)VALYAVIN Konstantin Gennadievich

(57) Abstract :
The invention relates to the petroleum processing industry in particular to a retarded coking process directed to the production of gas oil fractions (light gas oil and two types of heavy gas oil). The method comprises heating a starting stock feeding same into an evaporator for mixing with recycled material and forming a secondary stock coking the secondary stock and fractionating the resulting coking products in a rectification column thereby producing gas petrol light and heavy coking gas oils and bottoms. Heavy coking gas oil is used as the recycled material. The method envisages feeding cooled heavy gas oil to mass exchange devices in the lower part of the rectification column and feeding a metered quantity of cooled light gas oil to mass exchange devices in the upper part of the rectification column. The quantity of cooled light and heavy gas oils which can be fed in changes depending on the required quantity and quality of the light and heavy gas oils and bottoms being produced.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7710/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NON HALOGEN FLAME RETARDANT RESIN COMPOSITION AND INSULATING WIRE AND TUBE IN WHICH SAME IS USED

(51) International classification	:C08L23/08,C08K13/02,C08L53/02
(31) Priority Document No	:2011059805
(32) Priority Date	:17/03/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/055930 :08/03/2012
(87) International Publication No	:WO 2012/124589
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)MAYAMA Yuhei
2)HAYAMI Hiroshi

(57) Abstract :
Provided are a non halogen flame retardant resin composition that has as a main component a polyolefin based resin as a base polymer the resin composition passing a combustion test satisfying a 150ºC rating and demonstrating exceptional heat resistance and thermal aging resistance; and an insulating wire and a tube in which the non halogen flame retardant resin composition is used. The non halogen flame retardant resin composition contains (A) a base polymer including 90 mass % or more of a mixture of a polyolefin based resin and a styrene based elastomer (B) a metal phosphinate and (C) a nitrogen based flame retardant; and is used as an insulating coating layer. The insulating coating layer and the tube are preferably crosslinked by being irradiated using ionizing radiation.

No. of Pages : 36 No. of Claims : 15

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

(21) Application No.791/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THE FALCON EYE

(51) International classification :A45D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MANN; GURBAAZ PRATAP SINGH

(57) Abstract :
This invention relates to the field of Golf. The present invention provides new and improved solution to play golf in a more efficient manner. This invention is capable of measuring the green speed in most appropriate unit i.e. inches per second, which will give the golfer a better understanding to determine the intensity of hit. This device can be used for right and as well as left handed players. It comprises of diffuse scan technology sensors. It can be used for both indoor as well as outdoor practices. This device enables a putting surface or Green to be mapped to assist golf courses and players to depict dynamic motion of the ball in terms of direction and velocity specific to variable distances.

No. of Pages : 28 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7917/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR IMPROVING PEDICLE SCREW PLACEMENT IN SPINAL SURGERY

(51) International classification :A61B 17/56
(31) Priority Document No :60/545,903
(32) Priority Date :20/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005194
Filing Date :18/02/2005
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :4747/DELNP/2006
Filed on :18/08/2006

(71)**Name of Applicant :**
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1)PACHECO, Hector, O.

(57) Abstract :
A method of determining the size and placement of screws in pedicles during surgery in a selected spinal area, comprising using a computer to generate a true three-dimensional image of the bony spine in the selected spinal area; using a computer to hollow out the vertebra in the three-dimensional image, using a computer to determine the narrowest cross section (isthmus) within each pedicle; using a computer to generate a straight line starting at the center of the isthmus and extending in opposite directions so that it is positioned concentrically within the pedicle without touching the walls thereof, using a computer to expand the line concentrically and radially to a cross sectional size that is less than that of the isthmus, and using a computer to calculate the ideal pedicle screw diameter, length and trajectory based on the dimensions and trajectory of the cylinder generated for each pedicle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7918/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR MANUFACTURING AN INTEGRAL ROTATIONALLY SYMMETRICAL METAL PART INCLUDING A REINFORCEMENT CONSISTING OF CERAMIC FIBBERS

(51) International classification :B22F3/15,C22C47/04,C22C47/06
(31) Priority Document No :1151706
(32) Priority Date :02/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050448
Filing Date :02/03/2012
(87) International Publication No :WO 2012/117213
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GODON Thierry

(57) Abstract :
The invention relates to a method for manufacturing an integral rotationally symmetrical part which includes producing a blank of the part around a cylindrical mandrel the blank including at least one fibrous structure made of composite ceramic fibres coated with metal followed by the diffusion welding treatment of the blank by hot isostatic pressing and optionally machining the thus treated blank in order to obtain the part. According to the invention the method is characterised in that the blank includes at least a first metal wire layer (6) between the mandrel (10) and said composite fibrous structure (7) and at least a second metal wire layer (8) arranged around said composite fibrous structure so as to cover the latter.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.742/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SELF-CONFIGURING LOCAL AREA NETWORK SECURITY

(51) International classification :H04H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SIMON HUNT
3)PRASANNA VENKATESWARAN
4)VENKATA RAMANAN

(57) Abstract :
Technologies for providing electronic security to a first network are disclosed. The system may include a user equipment, a gateway device configured to mediate communication between a first network and a second network for the user equipment, and an electronic security device communicatively coupled to the gateway device. The electronic security device may include a gateway interface module configured to 10 assume an identity associated with the gateway device, a network interface module configured to present the identity to the second network, and a traffic inspection module configured to monitor traffic without substantially affecting a topology of the first network, wherein the electronic security device is configured to identify undesirable traffic; and implement a security policy.

No. of Pages : 22 No. of Claims : 15

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

(21) Application No.792/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SELF-LOCKING END-CAPS FOR TUBULAR CONTAINER PACKAGING

(51) International classification :E05D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JAIN, RAVEEN

(57) Abstract :
The present invention relates to a self-locking end caps for container packaging. The invention provides very practical, easy and quick approach in packaging the tubular container and protecting the films of the container from getting scratch, it provides a tamper proof feature which prevents the customers to open the tubular container and see the products inside in retails. The invention requires no other equipment or adhesives to fix the end cap with the tubular containers.

No. of Pages : 28 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7921/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TABLESS ROLL CAPACITOR AND CAPACITOR STACK

(51) International classification :H01G4/32,H01G4/232,H01G4/30
(31) Priority Document No :61/466265
(32) Priority Date :22/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/000583
Filing Date :22/03/2012
(87) International Publication No :WO 2012/127317
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DIAMANTI Paolo
2)BRATU Lorin
3)MCTAGGART Ross
4)RIBEIRO Jorge
5)LOBBAN Keith

(57) Abstract :
A capacitor (20A E) formed as a roll of inner and outer electrode strips (21 23) alternating with inner and outer dielectric strips (22 24). Each of the dielectric strips (22 24) is shorter than an inwardly adjacent one of the electrode strips (21 23) at a radially outer end thereof (21 E 23E). This exposes the radially outer end of each electrode strip on respectively different portions of an outer side surface (26 28) of the capacitor. The exposed ends of the electrode strips may be arranged on opposite sides of the capacitor such that stacking the capacitors interconnects them either in parallel in series or in combinations thereof in different embodiments.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7922/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FULLY AROMATIC POLYESTER AND POLYESTER RESIN COMPOSITION

(51) International classification :C08G63/60,C08J5/00,C08K3/34
(31) Priority Document No :2011081762
(32) Priority Date :01/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058050
Filing Date :28/03/2012
(87) International Publication No :WO 2012/137636
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YOKOTA Toshiaki
2)OHTAKE Mineo

(57) Abstract :
The present invention provides a fully aromatic polyester that can be produced in a normal polymerization device and that has superior heat resistance and ductility. The fully aromatic polyester comprises: a constituent unit (I) derived from 4 hydroxybenzoic acid; a constituent unit (II) derived from 6 hydroxy 2 naphthoic acid; a constituent unit (III) derived from 1 4 phenylene dicarboxylic acid; a constituent unit (IV) derived from 1 3 phenylene dicarboxylic acid; and a constituent unit (V) derived from 4 4 dihydroxybiphenyl. The fully aromatic polyester exhibits optical anisotropy when melted and with respect to all the constituent units there are 35 75 mol% of constituent unit (I) 2 8 mol% of constituent unit (II) 4.5 30.5 mol% of constituent unit (III) 2 8 mol% of constituent unit (IV) 12.5 32.5 mol% of constituent unit (V) and 4 10 mol% of constituent units (II)+(IV).

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7923/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANTISTATIC COMPOSITIONS COMPRISING A THERMOPLASTIC POLYESTER AND A MIXTURE OF ANTISTATIC ADDITIVES

(51) International classification :C08K5/00,C08J5/18,C08J3/22
(31) Priority Document No :11004393.2
(32) Priority Date :28/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/001607
Filing Date :05/04/2012
(87) International Publication No :WO 2012/163448
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KOLDITZ Pirko

(57) Abstract :
The invention relates to compositions comprising certain thermoplastic polyesters and antistatic additives the compositions being in the form of masterbatches or Compounds and their use for producing antistatic polyester single and multilayer films sheets boards and articles made of antistatic Compounds.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.734/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HERBAL NUTRACEUTICAL FORMULATION FOR ADOLESCENT GIRLS

(51) International classification :A23L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DR. PRADEEP SRIVASTAVA,
2)JAI KUMAR MANSHARAMANI,

(57) Abstract :
A herbal nutraceutical formulation for adolescent girls comprising: 20 40% Abroma augustus, 55-40% Sarraca indica, 15-25% Symplocos racemosa and 10-20% Asparagus Officinalis.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7930/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FIBER OPTIC CONNECTOR WITH POLARITY CHANGE

(51) International classification :G02B6/26
(31) Priority Document No :61/482265
(32) Priority Date :04/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035934
Filing Date :01/05/2012
(87) International Publication No :WO 2012/151175
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SIEMON John A.
3)ZHENG Johnny
4)YAO Alex
5)NAGEL Scott

(57) Abstract :
A fiber optic connector includes a boot receiving an optical fiber; a connector body for receiving the optical fiber and terminating the optical fiber; and a latch coupled to the connector body the latch for engaging an adapter for receiving the fiber optic connector the latch repositionable relative to the connector body to enable polarity change of the fiber optic connector without changing a relative position of the connector body and the optical fiber.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7932/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHARMACEUTICAL FORMULATIONS OF ACETYL 11 KETO BOSWELLIC ACID DIINDOLYLMETHANE AND CURCUMIN FOR PHARMACEUTICAL APPLICATIONS

(51) International classification	:C07C61/28,A61K31/404,A61K31/05
(31) Priority Document No	:61/445950
(32) Priority Date	:23/02/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/026407 :23/02/2012
(87) International Publication No	:WO 2012/116238
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)BROUGH Chris
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4)MILLER Dave A.

(57) Abstract :
The present disclosure is directed to compositions and methods for formulating a pharmaceutical dosage form by forming a composition comprising acetyl 11 keto boswellic acid diindolylmethane or curcumin with one or more pharmaceutically acceptable excipients for enhanced solubility to increase bioavailability and improve therapeutic efficacy. The composition can be processed by thermo kinetic compounding along with conventional methods known in the art such as hot melt extrusion melt granulation compression molding tablet compression capsule filling film coating or injection molding.

No. of Pages : 56 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7933/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SELF LIGHTING DEVICE FOR A CIGARETTE

(51) International classification :A24D1/08
(31) Priority Document No :1152206
(32) Priority Date :17/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050535
Filing Date :14/03/2012
(87) International Publication No :WO 2012/123679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ABISDID Charli
3)MEDUS Dominique
4)THEBAULT Pierre

(57) Abstract :
The invention relates to a self lighting device for a cigarette comprising a primary chemical material (7) to be placed at the lighting end (4) of the cigarette (1); and a secondary chemical material (8) that is incompatible with the primary material (7) said primary and secondary materials being inflammable when they come into contact with each other. The device is characterised in that the secondary material (8) is arranged in a receptacle (9) designed to fit over the lighting end (4) of the cigarette (1) bringing the secondary material into contact with the primary material (7).

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7934/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CIGARETTE PROVIDED WITH A SELF LIGHTING DEVICE

(51) International classification :A24D1/08
(31) Priority Document No :1152205
(32) Priority Date :17/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050533
Filing Date :14/03/2012
(87) International Publication No :WO 2012/123678
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a cigarette provided with a self lighting device comprising: a primary chemical material (7) placed at the lighting end (4) of the cigarette (1) and a secondary chemical material (8) that is incompatible with the primary material (7) said primary and secondary materials being inflammable when they are in contact with each other. The secondary material (8) is contained in a receptacle (9) initially arranged at one of the ends of the cigarette in an arrangement preventing said secondary material and said primary material (7) from coming into contact and said receptacle is removable and configured in such a way as to be positioned against the end (4) to be lit in an arrangement enabling the secondary material (8) to be brought into contact with the primary material (7) the receptacle being initially fixed to the end (5) opposing the end to be lit (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6938/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BICYCLE STEM HAVING CONTROLLED RELEASE OF THE STEERABILITY THEREOF

(51) International classification :B62H5/06,B62K21/18
(31) Priority Document No :11 00039
(32) Priority Date :06/01/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050039
Filing Date :06/01/2012
(87) International Publication No :WO 2012/093237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SAVARD Franck Jean

(57) Abstract :
The invention relates to a stem (10) for a bicycle handlebar having controlled release of the steerability thereof including a body (24) intended for receiving a stem arm (12) which in turn receives a handlebar said stem also including a headset (40) a means (14) for attaching said stem (10) to the fork (16) of a bicycle including a head tube and a locking/unlocking means (18) characterised in that the locking/unlocking means (18) includes at least one key (56) placed in a cavity (54) arranged in the headset (40) a resilient means (58) for returning said at least one key towards the outside of said cavity holes (36) arranged in the stem body (24) through which said keys pass a ring (62) suitable for retracting the at least one key (56) through said holes (36) by a rotation or translation movement respectively. The mounting also provides an aheadset arrangement.

No. of Pages : 27 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7941/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTERCHANGEABLE CAPSULE FOR PREPARING AN INFUSION OF COFFEE AND METHOD FOR OBTAINING AN INFUSION OF SAID COFFEE

(51) International classification :B65D85/804
(31) Priority Document No :BO2011A000101
(32) Priority Date :02/03/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/051012
Filing Date :02/03/2012
(87) International Publication No :WO 2012/117383
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RONDELLI Raffaele

(57) Abstract :
A capsule (100) suited to contain in its inside a mass of powdered coffee (MC) for preparing an infusion of coffee. The capsule (100) comprises a container (101) closed by a lid (102). The container (101) is provided with a filter (FT) of the coffee/hot water infusion. The capsule (100) is characterized in that the mass of powdered coffee (MC) is located in an annular space (SP) surrounding a central chimney (180). The infusion water during at least one of its intermediate steps / converges from the annular space (SP) towards the central chimney (180) passing first through a vertical filter (FT).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7942/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COAL FIRED POWER GENERATION PLANT AND COAL FIRED POWER GENERATION METHOD

(51) International classification :F23K1/04,F01K7/34,F01K7/44
(31) Priority Document No :2011067437
(32) Priority Date :25/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054761
Filing Date :27/02/2012
(87) International Publication No :WO 2012/132700
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NOGUCHI Takayuki
3)KATAOKA Masaki

(57) Abstract :
To provide a coal fired power generation plant that not only recovers latent heat condensation from dry exhaust gas generated by drying facilities that dry coal in advance but also is configured so that the amount of steam that flows in the final stage of a steam turbine does not materially differ from design values. [Solution] A coal fired power generation plant comprising an indirect heat dryer (1) that has a heat medium flow channel in a housing and that indirectly heats coal brought into the housing using steam fed to the heat medium flow channel thus drying the coal; a coal firing boiler (3) that burns coal to generate steam; and a steam turbine (6) that generates power using the steam from the boiler (3). The boiler feedwater for the coal firing boiler (3) is waste heated using the extracted steam extracted from the steam turbine (6). The coal fired power generation plant is provided with a system for using a portion of the extracted steam as the heating steam of the indirect heat dryer (1); a condenser (5) of the steam turbine (6); a wet scrubber (11) provided with a dry exhaust gas path from the indirect heat dryer (1); and heat recovery and heat exchange devices (22) (24) that perform heat exchange between the circulation water of the wet scrubber (11) and the condensation water of the condenser (5) wherein the condensation water that recovered the heat from the dry exhaust gas through the heat recovery and heat exchange devices (22) (24) is used to waste heat the boiler feedwater.

No. of Pages : 35 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7943/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INFRARED SENSOR

(51) International classification :G01J1/02,G01J5/02,H01L37/02
(31) Priority Document No :2011076767
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/001916
Filing Date :21/03/2012
(87) International Publication No :WO 2012/132316
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ISHIKAWA Mototaka
3)UOZUMI Gakuji

(57) Abstract :
Provided is an infrared sensor which is lightweight is disposed on a substrate in a standing manner and which is easily attached with sufficient support strength. An infrared sensor provided with: an insulating film (2); a first heat sensitive element (3A) and a second heat sensitive element (3B) disposed on one surface of the insulating film (2) so as to be separate from one another; a first conductive wiring film (4A) formed on one surface of the insulating film (2) and connected to the first heat sensitive element (3A); a second conductive wiring film (4B) connected to the second heat sensitive element (3B); and an infrared reflection film (6) disposed on the other surface of the insulating film (2) so as to face the second heat sensitive element (3B). The infrared sensor also being provided with: a reinforcing plate (8) on which a sensor part window (8a) corresponding to a sensor part is formed and which is adhered to the insulating film; and a first terminal electrode (7A) and a second terminal electrode (7B) which are respectively connected to the first wiring film and the second wiring film are formed on the edge of the insulating film and are capable of being inserted into a connector.

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7774/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUBSTANTIALLY NON POROUS SUBSTRATE SUPPORTED NOBLE METAL AND LANTHANIDE CONTAINING CATALYSTS

(51) International classification :B01J37/02,B01J23/44,B01J23/10
(31) Priority Document No :13/108206
(32) Priority Date :16/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036985
Filing Date :09/05/2012
(87) International Publication No :WO 2012/158409
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)NEMETH Valeria
3)BARE Simon Russell

(57) Abstract :
Aspects of the invention relate to hydrogenation catalysts and hydrogenation processes using these catalysts having particular characteristics in terms of the amount and type of metal hydrogenation component (or catalytic constituent) as well as the support or substrate. The catalyst compositions comprising both a noble metal and a lanthanide element on a substantially non porous substrate provide advantageous performance characteristics including conversion selectivity and activity stability as demanded in industrial hydrogenation and selective hydrogenation applications.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7775/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NON AQUEOUS HIGH CONCENTRATION REDUCED VISCOSITY SUSPENSION FORMULATIONS OF ANTIBODIES

(51) International classification :A61K39/395
(31) Priority Document No :13/043925
(32) Priority Date :09/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054257
Filing Date :30/09/2011
(87) International Publication No :WO 2012/121754
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HILL Beth
3)LIU Kui
4)MIECZKOWSKI Carl

(57) Abstract :
The present invention relates to non aqueous high concentration reduced viscosity suspension formulations antibodies and methods of making and using them.

No. of Pages : 75 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7777/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MIXED CRYSTAL AGOMELATINE (FORM VIII) PREPARATION METHOD AND USE THEREOF AND PHARMACEUTICAL COMPOSITION CONTAINING SAME

(51) International classification	:C07C233/18,C07C231/24,A61K31/165
(31) Priority Document No	:201110070634.0
(32) Priority Date	:23/03/2011
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2012/072818 :22/03/2012
(87) International Publication No	:WO 2012/126386
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)ZHU Xueyan
4)SHAN Hanbin
5)YUAN Zhedong
6)YU Xiong

(57) Abstract :
The present invention provides a mixed crystal agomelatine (Form-VIII), the preparation method and use thereof and a pharmaceutical composition containing the same, wherein the mixed crystal mainly contains an agomelatine crystal form VI. The mixed crystal is stable and has good reproducibility, and is foimd through a stability test to be superior to a crystal form VI in terms of stability. Therefore, the Form-VIII of the present invention has an advantage in terms of preparation.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7947/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METAL CARBON COMPOSITE MATERIAL AND METHOD FOR PRODUCING SAME

(51) International classification :C01B31/02,B82Y30/00,B82Y40/00
(31) Priority Document No :2011034676
(32) Priority Date :21/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054043
Filing Date :21/02/2012
(87) International Publication No :WO 2012/115073
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ORIKASA Hironori

(57) Abstract :
The purpose of the present invention is to provide: a metal carbon composite material which has improved productivity and sufficient performance while placing a reduced burden on the environment and which can be used in a wide range of fields; and a method for producing the metal carbon composite material. A metal carbon composite material which is configured of carbon and nanoparticles that are formed of a metal or a metal oxide. The metal carbon composite material is characterized in that the ratio of the nanoparticles relative to the total amount of the carbon and the nanoparticles is from 50% by weight to 99% by weight (inclusive). The metal carbon composite material has a structure wherein the nanoparticles are dispersed in the carbon.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7948/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF TREATING WASTE ITEMS

(51) International classification :B09B3/00
(31) Priority Document No :1102465.0
(32) Priority Date :11/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/000143
Filing Date :13/02/2012
(87) International Publication No :WO 2012/107732
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :Sett End Road North Shadsworth Business Park Blackburn BB1 2QG U.K.
(72)**Name of Inventor :**
1)NORRIS John
2)NORRIS Peter
3)REID Alan
4)TALBOT Mark

(57) Abstract :
A method of fragmenting a discrete waste product item or a combination of discrete waste product items the method comprises the steps of :(e) introducing said discrete waste product item or combination of discrete waste product items into a pressure vessel (f) subjecting said item or items to an atmosphere of superheated steam in the vessel of at least 0.5 bar above atmospheric pressure (g) subsequently decompressing the vessel to achieve a pressure reduction of at least 0.5 bar in at most 5 seconds and (h) repeating steps (b) and (c) to effect fragmentation of said waste product item or combination of waste product items.

No. of Pages : 24 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7949/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOTOR DRIVING DEVICE

(51) International classification :B60L7/22,B60L15/20,H02P3/18
(31) Priority Document No :2011060068
(32) Priority Date :18/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056277
Filing Date :12/03/2012
(87) International Publication No :WO 2012/128102
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NTN CORPORATION
Address of Applicant :3 17 Kyomachibori 1 chome Nishi ku Osaka shi Osaka 5500003 Japan
(72)**Name of Inventor :**
1)OKADA Koichi

(57) Abstract :
The invention is related to a means for controlling the driving of a motor (6) including a motor used in for example an electric vehicle and using a battery as a power supply and is applied to a motor driving device (20) equipped with a connection mode switching circuit such as for example an inverter (31) capable of switching between a drive connection mode for driving the motor (6) by battery power and a regeneration connection mode. The inverter (31) is configured so as to be able to be switched to a short circuit connection mode for short circuiting motor coils and generating brake force and is further provided with a short circuit current control means (26) for controlling short circuit current flowing in the short circuit connection mode and a regeneration brake/short circuit brake switching control means (25) for switching the inverter (31) between the regeneration connection mode and the short circuit connection mode.

No. of Pages : 49 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7924/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LUBRICATING COMPOSITION CONTAINING A THIOCARBAMATE COMPOUND

(51) International classification :C10M135/18
(31) Priority Document No :61/451152
(32) Priority Date :10/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027951
Filing Date :07/03/2012
(87) International Publication No :WO 2012/122202
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHANG Yanshi
2)CRAWLEY Seth L.
3)YODICE Richard

(57) Abstract :
The invention provides a lubricating composition containing an oil of lubricating viscosity and an ashless thiocarbamate compound having an optionally substituted hydrocarbyl group on an S atom and an optionally substituted hydrocarbyl group on an N atom. The invention further relates to a method of the lubricating an internal combustion engine with the lubricating composition.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7925/FELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADJUSTMENT MEANS FOR A VEHICLE SEAT

(51) International classification :B60N2/20,B60N2/22
(31) Priority Document No :10 2011 013 723.8
(32) Priority Date :11/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001032
Filing Date :08/03/2012
(87) International Publication No :WO 2012/123084
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KIRUBAHARAN Albert Reginold
2)MEDVED Andrej
3)MERES Eduard

(57) Abstract :
The present invention relates to an adjustment means for a vehicle seat by which the inclination angle of the backrest of the vehicle seat can be adjusted relative to the seating part the adjustment range being adjustable by removable stops.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7926/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STEEL WIRE MATERIAL AND PROCESS FOR PRODUCING SAME

(51) International classification :C22C38/00,B21B1/16,B21B3/00
(31) Priority Document No :2011056006
(32) Priority Date :14/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056377
Filing Date :13/03/2012
(87) International Publication No :WO 2012/124679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YAMASAKI Shingo
2)MANABE Toshiyuki
3)HIKITA Naoshi

(57) Abstract :
A steel wire material which is for use as a raw material for steel wires the steel wire material having a metallographic structure which comprises 95 100% pearlite in terms of % by area the center part of the steel wire material having an average pearlite block size of 1 25 μm the surface layer part of the steel wire material having an average pearlite block size of 1 20 μm and the steel wire material satisfying S<12r+65 where S is the minimum lamellar spacing in nm of the pearlite present in the center part and r is the distance in mm from the peripheral surface to the center of the steel wire material.

No. of Pages : 51 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7927/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FUEL PHYSICAL PROPERTY DETERMINATION METHOD AND FUEL PHYSICAL PROPERTY DETERMINATION DEVICE

(51) International classification :G01N33/22
(31) Priority Document No :2011049523
(32) Priority Date :07/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055794
Filing Date :07/03/2012
(87) International Publication No :WO 2012/121281
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)IHI Inspection & Instrumentation Co. Ltd.
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2)NAKAMURA Hisashi
3)KATO Soichiro
4)MATSUI Kunio
5)SASE Akira
6)SAURA Tsuyoshi

(57) Abstract :
A fuel physical property determination method according to a first aspect of the present invention comprises: a test fuel flame image capturing step for capturing an image of a flame formed by supplying premixed gas of test fuel and an oxidizing agent to a test tube the inner passage of which has a diameter smaller than the flame quenching distance at normal temperature and acquiring captured image data; and a physical property determination step for determining the physical property of the test fuel by comparing the captured image data acquired in the test fuel flame image capturing step and captured image data acquired by capturing an image of a flame formed by supplying premixed gas of standard mixed fuel having a known physical property and the oxidizing agent to the test tube.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7958/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STABLE FORMULATIONS FOR PARENTERAL INJECTION OF PEPTIDE DRUGS

(51) International classification :A61K9/19,A61K9/08,A61K38/22
(31) Priority Document No :61/451568
(32) Priority Date :10/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028621
Filing Date :09/03/2012
(87) International Publication No :WO 2012/122535
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)PRESTRELSKI Steven
2)KINZELL John

(57) Abstract :
Stable formulations for parenteral injection of peptide drugs and methods of using such stable formulations are provided. In particular the present invention provides stable formulations for parenteral injection of glucagon and methods of using such glucagon formulations to treat hypoglycemia especially severe hypoglycemia in emergency situations.

No. of Pages : 62 No. of Claims : 98

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7960/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN OPHTHALMIC COMPOSITION

(51) International classification :A61K47/06,A61K31/59,A61K47/10
(31) Priority Document No :11158099.9
(32) Priority Date :14/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054498
Filing Date :14/03/2012
(87) International Publication No :WO 2012/123515
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STEELE Fraser

(57) Abstract :
An ophthalmic composition comprising a polyaphron dispersion.

No. of Pages : 79 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7965/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHOTODEGRADATION RESISTANT BEVERAGE

(51) International classification :A23L2/38
(31) Priority Document No :2011054278
(32) Priority Date :11/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056053
Filing Date :09/03/2012
(87) International Publication No :WO 2012/124615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OGAWA Ippei
2)IMAZAWA Takeshi
3)YOSHIMURA Yumiko

(57) Abstract :
The present invention pertains to a beverage with excellent resistance to photodegradation. More specifically the present invention pertains to a photodegradation resistant beverage containing a nonfat milk solid component and a fat component wherein the fat component contains at least 70 mass% of a vegetable oil selected from a group consisting of coconut oil sunflower oil or a mixture thereof.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7785/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WATER TREATMENT SYSTEM AND WATER TREATMENT METHOD

(51) International classification :C02F1/28,C02F1/42
(31) Priority Document No :2011052812
(32) Priority Date :10/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054787
Filing Date :27/02/2012
(87) International Publication No :WO 2012/121047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YAMAZAKI Atsushi
3)TSUTSUMI Kenji
4)YAMANASHI Ichiro
5)YUKAWA Atsushi
6)NOGUCHI Hirofumi

(57) Abstract :
A water treatment apparatus includes a reaction tank 1 for mixing water to be treated with an adsorbent, a supply device 10 for supplying the water to be treated into the reaction tank 1, a solid-liquid separator 4, 6 for separating a mixture in the reaction tank 1 to treated water and the adsorbent, a drain mechanism 8 for draining the treated water from the solid-liquid separator, and a return mechanism 7 for returning the adsorbent from the solid-liquid separator to the reaction tank 1.

No. of Pages : 26 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7786/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INRUSH CURRENT SUPPRESSION DEVICE

(51) International classification :H01H33/59,H01H9/56
(31) Priority Document No :2011059820
(32) Priority Date :17/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054982
Filing Date :28/02/2012
(87) International Publication No :WO 2012/124474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KOSHIZUKA Tadashi
2)SAITO Minoru
3)MARUYAMA Shiro
4)MAEHARA Hiroyuki
5)SATO Yoshimasa

(57) Abstract :
There is provided a circuit breaker control apparatus (1) that suppresses an inrush current generated when phase modification equipment (3) 5 including a directly grounded neutral point is connected to an electric power bus (6) by a three-phase collective operation type circuit breaker (2). The apparatus determines a specific phase having a polarity different from the polarities of other two phases and a 10 residual voltage of the phase modification equipment (3) after the opening of the circuit breaker (2) in accordance with a circuit breaker current running through the circuit breaker (2) and closes the circuit breaker (2) in a phase in which a power supply voltage 15 of a specific phase becomes a peak value of the same polarity as the polarity of the specific phase of the residual voltage.

No. of Pages : 61 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013

(21) Application No.779/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SPEED BREAKER AERATION SYSTEM

(51) International classification :F15D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VISHAL BASIN

(57) Abstract :
The water aeration system using speed breakers which reduce the energy consumption is provided with rectangular base for speed breakers where the impact load is offered by the heavy vehicles. A linkage mechanism which comprises a long metallic rod fixed in the frame to absorb the external load by moving downwards making a linear motion placed across the road, fitted in a speed breaker piston, attached to the flywheel in a way that rotary motion of flywheel is converted into linear motion. The supporting link is fitted along with centre link and frame which helps to transfer the motion to the crank shaft which In turn transfers the motion to the side wheel which will also work as flywheel with a bearing which provides continuous motion to the flywheel with crank shaft. A piston which attached with the flywheel in a way that rotary motion of flywheel is converted into linear motion which is used to generate small air bubbles for the aeration process.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7972/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PERSONAL CARE ARTICLE

(51) International classification :A47L13/17
(31) Priority Document No :61/471628
(32) Priority Date :04/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032054
Filing Date :04/04/2012
(87) International Publication No :WO 2012/138685
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SMITH Edward Dewey III
2)MCCONAUGHY Shawn David

(57) Abstract :
A compliant personal care article comprising: a personal care composition (14) having a first side (18) and a second side (20); a first substrate (22) adjacent to the first side (18) of the personal care composition (14); a second substrate (24) adjacent to the second side (20) of the personal care composition (14); a first water insoluble substrate (26) adjacent to the first substrate (22) and a second water insoluble substrate (28) adjacent to the second substrate (28) adjacent to the second substrate (24).

No. of Pages : 49 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7973/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTRAOCULAR LENS AND MANUFACTURING METHOD THEREFOR

(51) International classification :A61F2/16
(31) Priority Document No :2011065836
(32) Priority Date :24/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/002054
Filing Date :23/03/2012
(87) International Publication No :WO 2012/127881
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUZAKI Asaki

(57) Abstract :
Provided is an intraocular lens having a novel structure with high utility which is easy to adapt to patients and can improve quality of vision (QOV). In an intraocular lens (10) an optical characteristic is set rotationally symmetric around the optical axis and a spherical aberration of a magnitude corresponding to the coma aberration remaining in a patient s eye after extraction of the lens of the eye is set.

No. of Pages : 32 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6871/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DISPLAYING DATA FOR A PHYSICAL RETAIL ENVIRONMENT ON A VIRTUAL ILLUSTRATION OF THE PHYSICAL RETAIL ENVIRONMENT

(51) International classification :G06Q30/02,G06F1/16,G06F3/01
(31) Priority Document No :61/447860
(32) Priority Date :01/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027207
Filing Date :01/03/2012
(87) International Publication No :WO 2012/118925
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PECKINPAUGH Mark Alan

(57) Abstract :
Three dimensional models representing retail store elements (gondolas kiosks etc.) are identified and tracked for location and orientation on a surface representing a retail store space. Each retail store element is associated with particular retail products or retail product groups. A point of view with respect to the models may be identified and an image of the retail store space and elements displayed on a human scale display from the identified point of view. As the store elements and/or point of view are changed the displayed image is updated to provide an immersive experience.

No. of Pages : 31 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7980/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BRIDGE FOR AN ELECTRICAL TERMINAL

(51) International classification :H01R31/08
(31) Priority Document No :10 2011 001 714.3
(32) Priority Date :31/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/055384
Filing Date :27/03/2012
(87) International Publication No :WO 2012/130825
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)REINEKE Michael

(57) Abstract :
The invention relates to a bridge for an electrical terminal for electrically connecting current bars (4) of the terminal wherein the bridge has a head part (1) and at least one resilient pair of clamping tongues (5) for inserting into an opening (3) of the current bar (4) wherein the clamping tongues (5) each have an inside (8) and an outside (9) the outsides (9) each form a contact area (10) for contacting the opening (3) the clamping tongues (5) are each connected to the head part (1) and acted upon by spring force in such a way that the insides (8) of a clamping tongue pair (5) are arranged facing each other and are arranged spaced from each other when the clamping tongue pair (5) is not in contact with the current bar (4) the clamping tongues (5) each extend from the head part (1) to a tip (11) and the insides (8) each have a contour that is designed in such a way that when the clamping tongue pair (5) is in contact with the current bar (4) the tips (11) of the clamping tongues (5) lie against each other and a gap (12) is formed between the insides (8) between the head part (1) and the tips (11). Because a gap (12) is formed between the insides (8) when the clamping tongue pair (5) is in contact with the current bar (4) production tolerances of the clamping tongues (5) can be compensated which in turn leads to significantly improved contacting between the clamping tongues (5) and the current bar (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7981/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DOSING REGIMENS FOR THE TREATMENT OF FABRY DISEASE

(51) International classification :A61K31/445
(31) Priority Document No :61/451798
(32) Priority Date :11/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028260
Filing Date :08/03/2012
(87) International Publication No :WO 2012/125402
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GREENE Douglas Stuart
2)VALENZANO Kenneth Joseph

(57) Abstract :
The presently disclosed subject matter provides a dosing regimen and administration schedule for the use of 1 deoxygalactonojirimycin and enzyme replacement therapy for the treatment of Fabry disease. The presently disclosed subject matter further provides a dosing regimen and administration schedule for the use of migalastat hydrochloride and agalsidase for the treatment of Fabry disease.

No. of Pages : 55 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7984/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : KIT FOR THE PREPARATION OF A BEVERAGE IN A CENTRIFUGAL BREWING DEVICE

(51) International classification :A47J31/22,A47J31/36,B65D85/804
(31) Priority Document No :11160914.5
(32) Priority Date :01/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055607
Filing Date :29/03/2012
(87) International Publication No :WO 2012/130926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GERBAULET Arnaud
3)TINEMBART Jean Fran§ois
4)PERENTES Alexandre

(57) Abstract :
Kit (1A) for the preparation of a beverage in a centrifugal brewing device (30) comprising a capsule (2) by feeding liquid in the capsule and rotating the capsule along a central axis (I) to produce centrifugal forces on the liquid traversing the capsule thereby forcing the beverage out of the capsule by such centrifugal forces wherein the capsule comprises containment walls forming a main cavity (4) of central axis (I) containing beverage ingredients; wherein said kit further comprising an insert (3) which is separate from the capsule and comprising a ring shaped portion (5) intended to form a valve engaging portion engaging against a valve means (33) of the centrifugal brewing device.

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7944/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FE(III) COMPLEXES FOR THE TREATMENT AND PROPHYLAXIS OF IRON DEFICIENCY SYMPTOMS AND IRON DEFICIENCY ANAEMIAS

(51) International classification :C07D239/34,C07D239/80,A61P7/00
(31) Priority Document No :11160151.4
(32) Priority Date :29/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055512
Filing Date :28/03/2012
(87) International Publication No :WO 2012/130882
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)FUNK Felix
8)GEISSER Peter Otto
9)KALOGERAKIS Aris
10)MAYER Simona
11)PHILIPP Erik
12)REIM Stefan
13)SIEBER Diana
14)SCHMITT Jrg
15)SCHWARZ Katrin

(57) Abstract :
The invention relates to iron(III) complexes and pharmaceutical compositions in which they are present for use as medicaments in particular for the treatment and/or prophylaxis of iron deficiency symptoms and iron deficiency anaemias.

No. of Pages : 99 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7991/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOLAR COLLECTOR

(51) International classification :F24J2/46,F24J2/50,F24J2/24
(31) Priority Document No :202011101229.1
(32) Priority Date :28/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/059544
Filing Date :23/05/2012
(87) International Publication No :WO 2012/163746
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CLEMENT Uwe

(57) Abstract :
The invention relates to a solar collector for obtaining heat energy in particular for use on roofs and on facades according to the preamble of claim 1. The object of the invention is to provide a solar collector for use on roofs and on facades which is of simple design can be produced cost effectively and can be transported simply. The solar collector is characterized by being configured as a kit substantially consisting of a covering absorber and flexible housing as individual parts to be joined together and of at least one further packaging unit with insulating foam as an auxiliary which is intended for filling via at least one connection on the housing and forming of the housing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7992/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROLLER TAPPET IN PARTICULAR OF A RECIPROCATING PUMP

(51) International classification :F04B1/04,F02M59/10,F16H53/06
(31) Priority Document No :10 2011 076 022.9
(32) Priority Date :18/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/057768
Filing Date :27/04/2012
(87) International Publication No :WO 2012/156195
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)AMBROCK Sascha

(57) Abstract :
The invention relates to a roller tappet (5) in particular of a reciprocating pump wherein the roller tappet (5) comprises a rotatably mounted roller that cooperates with a roller shoe (8). The aim of the invention is to improve the starting behavior of a roller (9) mounted on the roller shoe (8) of the roller tappet (5). Said aid is achieved in that the roller (9) comprises a bolt (17) for the mounting on the roller shoe (8) and in that the roller (9) can be adjusted relative to the roller shoe (8) such that an outer circumference of said roller (9) abuts against the roller shoe (8).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7993/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR CONTROLLING THE RAIL PRESSURE OF AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D41/38,F02D41/22,F02D41/14
(31) Priority Document No :10 2011 076 258.2
(32) Priority Date :23/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/057547
Filing Date :25/04/2012
(87) International Publication No :WO 2012/159841
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)VITRE David

(57) Abstract :
The invention relates to a method and to assembly for operating an internal combustion engine having common rail injection. In the method fuel is introduced into the rail by means of a high pressure pump wherein the high pressure pump is actuated by a metering unit that receives a control value (58) therefore the control value (58) being determined on the basis of a pilot control (22 24) such that a control of the metering unit is carried out.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7994/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTACT ELEMENT FOR DIRECTLY ELECTRICALLY CONTACTING CIRCUIT BOARDS

(51) International classification	:H01R13/26,H01R24/60,H01R43/16
(31) Priority Document No	:10 2011 017 787.6
(32) Priority Date	:29/04/2011
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2012/054076 :09/03/2012
(87) International Publication No	:WO 2012/146432
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)KROECKEL Markus

(57) Abstract :
The invention relates to a contact element (1) for directly electrically contacting a contact surface (2) on a circuit board (3) wherein according to the invention a front plug section (5) is formed by a sheet metal part having two multilayer side edges (8) opposite each other and comprising a middle section (10) between said side edges which has fewer layers in particular a single layer wherein the outside edges (9) of the two side edges (8) run parallel to each other and are each folded at least once and wherein at least one of the two outer edges (9) comprises a protruding contact spring (11) for directly electrically contacting a contact surface (2).

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013
(21) Application No.7995/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MANUFACTURING METHOD FOR O/W EMULSION COMPOSITION

(51) International classification :A61K8/06,A61K8/34,A61K8/39
(31) Priority Document No :2011043593
(32) Priority Date :01/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054239
Filing Date :22/02/2012
(87) International Publication No :WO 2012/117909
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided is a manufacturing method for an O/W emulsion composition exhibiting excellent economical properties and capable of being easily manufactured without using a special cooling device. The method according to the present invention is characterized in that: the emulsified parts of the O/W emulsion are prepared by emulsifying at a temperature equal to or greater than 70°C an oil phase containing (A) a mono branched fatty acid POE (0 60) glycerin ester (B) a linear higher alcohol that has 16 or more carbon atoms and can form together with (A) a a gel in water (C) an oil component and also by emulsifying part of an aqueous phase (a first aqueous phase) containing (D) water; the emulsified parts are cooled by stirring and mixing with the remaining aqueous phase (a second aqueous phase) at 10 35°C; and the aqueous solvent that constitutes the emulsified parts is 15% or lower by mass.

No. of Pages : 28 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7810/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HUMANISED ANTI CTLA 4 ANTIBODIES

(51) International classification :C07K16/28
(31) Priority Document No :1103955.9
(32) Priority Date :09/03/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/054144
Filing Date :09/03/2012
(87) International Publication No :WO 2012/120125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CARR Francis Joseph

(57) Abstract :
The invention provides an anti CTLA4 antibody which inhibits the binding of CTLA4 to human B7 in particular it inhibits binding of CTLA4 to human B7.1 and/or human B7.2. Specific antibodies are provided with specific variable region sequences as well as compositions comprising such antibodies for use in treating disease.

No. of Pages : 73 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7811/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR CLEANING DRILL CUTTINGS

(51) International classification :E21B21/06
(31) Priority Document No :20110409
(32) Priority Date :17/03/2011
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2012/050042
Filing Date :15/03/2012
(87) International Publication No :WO 2012/125043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
A method and a device for cleaning drill cuttings comprising cuttings and oil based drilling mud wherein a significant proportion of the drilling mud is removed from the drill cut tings and wherein the method comprises: disposing the drill cuttings in a receptacle (1); vibrating the receptacle (1) until particle fluidization of the drill cuttings takes place; maintaining the drill cuttings in a particle fluidized state during the subsequent treatment; adding a soap to the drill cuttings; allowing the soap to flow through the drill cuttings whilst the drill cuttings are particle fluidized; draining liquid from the receptacle (1); and then emptying cleaned drill cuttings out of the receptacle (1).

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7812/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MESOGEN CONTAINING COMPOUNDS

(51) International classification :C09K19/04,C09K19/38,C09K19/54
(31) Priority Document No :13/051130
(32) Priority Date :18/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028025
Filing Date :07/03/2012
(87) International Publication No :WO 2012/128944
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Compounds including at least one mesogenic substructure and at least one long flexible segment and methods of synthesizing the same are disclosed. Formulations which include various embodiments of the mesogen containing compounds and their use in articles of manufacture and ophthalmic devices are also disclosed.

No. of Pages : 67 No. of Claims : 25

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

(21) Application No.800/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A CLOSED LOOP PULSED AC-DC CONVERTER FED POWER AMPLIFIER FOR SONAR TRANSMISSION SYSTEM

(51) International classification :H02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
This invention relates to a method for generating an amplified signal output - to an acoustic transducer for sonar transmission system to produce a compact sonar transmission system with higher overall efficiency by achieving a constant power to the electro acoustic transducer through the power amplifier irrespective of input supply variation and to reduce the Total Harmonic Distortion (THD)at lower modulation index further the system characterized by incorporating a digital processor based real time transducer for the acoustic transducer element through Ethernet connectivity on demand

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.8000/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CAPSID FREE AAV VECTORS COMPOSITIONS AND METHODS FOR VECTOR PRODUCTION AND GENE DELIVERY

(51) International classification :C12N15/864
(31) Priority Document No :61/452071
(32) Priority Date :11/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/054303
Filing Date :12/03/2012
(87) International Publication No :WO 2012/123430
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
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5)US DEPARTMENT OF HEALTH AND HUMAN SERVICES NATIONAL INSTITUTES OF HEALTH
(72)**Name of Inventor :**
1)GARCIA Luis
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3)VOIT Thomas
4)KOTIN Robert Michael

(57) Abstract :
An isolated linear nucleic acid molecule comprising in this order: a first adeno associated virus (AAV) inverted terminal repeat (ITR) a nucleotide sequence of interest and a second AAV ITR wherein said nucleic acid molecule is devoid of AAV capsid protein coding sequences. The said nucleic acid molecule can be applied to a host at repetition without eliciting an immune response. Methods for producing and purifying this nucleic acid molecule and use of the same for therapeutic purposes are also provided.

No. of Pages : 62 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.8001/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GRADE MECHANISM FOR TILTABLE LASER OPTICAL SYSTEMS

(51) International classification :G01C15/00
(31) Priority Document No :11165763.1
(32) Priority Date :11/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058655
Filing Date :10/05/2012
(87) International Publication No :WO 2012/152873
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AMMER Thomas

(57) Abstract :
Rotating construction laser device (28) with a grade mechanism (1) comprising a lens barrel (21) with a laser optical system (20) a grade arm (2) which is tiltably supported on a frame structure (8) in an XZ plane a tilt 5 sensor (10) which is provided at the grade arm (2) and is configured to detect a level position of the grade arm (2) a tilting mechanism (22) which is provided on the frame structure (8) and is designed to tilt the grade arm (2) relative to the XZ plane a code element (12 12) and a 10 position detection device for providing and detecting a feedback position information and a levelling mechanism (23) which supports the lens barrel (21) tiltably and is designed to tilt the lens barrel (21) in order to have the level position detected by the tilt 15 sensor (10) and therewith to level the grade arm (2) characterised in that the code element (12 12) or the position detection device is arranged directly on the grade arm (2) and the feedback position information directly depends on the position of a reference point on the grade 20 arm (2) the reference point being defined by the code element (12 12) or the position detection device respectively thus allowing to deduce a position of the grade arm (2) directly from the feedback position information and/or to calculate a tilting angle ( ) of 25 the grade arm (2) with respect to the lens barrel (21) directly from the feedback position information.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7798/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HEAT TRANSFER PIPE FOR HEAT EXCHANGER

(51) International classification :F28F1/40,F28F13/18
(31) Priority Document No :201110057011.x
(32) Priority Date :10/03/2011
(33) Name of priority country :China
(86) International Application No :PCT/EP2011/055295
Filing Date :06/04/2011
(87) International Publication No :WO 2012/119661
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention provides a heat transfer pipe for heat exchanger an inner surface of the heat transfer pipe being provided alternately with a plurality of helical primary teeth (21 22 23 24 25 26 27) and a plurality of grooves (31 32 33 34 35 36) each groove being disposed between adjacent primary teeth wherein a protrusion set is provided in at least one groove (31 36) the protrusion set comprises a plurality of protrusions (41) sequentially and intermittently disposed in an extending direction of the primary teeth and each protrusion (41) has a radial height lower than those of the primary teeth and wherein at least one groove having no protrusion set (32 33 34 35) is provided between the adjacent ones (31 36) of the grooves each having a protrusion set. In this way the above heat transfer pipe suppresses significantly increasing flow resistance of a fluid and is easy to manufacture with low manufacturing cost at the same time of improving the efficiency of heat exchange.

No. of Pages : 15 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7799/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : H2S CONVERSION TO SULFUR USING A REGENERATED IODINE SOLUTION

(51) International classification :C01B17/04
(31) Priority Document No :61/444383
(32) Priority Date :18/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025535
Filing Date :17/02/2012
(87) International Publication No :WO 2012/112826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PATTERSON Matthew
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4)SCHLEUSNER Timothy J.
5)KERR Richard Kelso

(57) Abstract :
Systems and methods of removing sulfur from a gas stream comprising hydrogen sulfide (HS) are provided. The systems and methods may utilize iodine to remove sulfur from the gas stream. In certain systems and methods the iodine may be regenerated. In particular the present systems and methods may be capable of reducing sulfur content in a gas stream comprising hydrogen sulfide HS gas to levels that are undetectable.

No. of Pages : 38 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8011/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LATERALLY ACTUATED FLUID PRODUCT DISPENSING DEVICE

(51) International classification :B65D83/38,B05B11/00,B65D83/22
(31) Priority Document No :1152304
(32) Priority Date :21/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050569
Filing Date :19/03/2012
(87) International Publication No :WO 2012/127163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LE MANER Fran§ois

(57) Abstract :
The invention relates to a fluid product dispensing device comprising: a body (10) a container (20) a head (100) including a dispensing port (5) and a dispensing member (30) mounted on the container (20) by means of a mounting ring (60). The device also comprises a lateral actuation system (40) including an actuation element (41) that can move between a rest position in which the dispensing member (30) is not actuated and an actuation position in which the dispensing member (30) is actuated. The aforementioned body (10) comprises at least one guiding surface (50) which is stationary in relation to the head (100) and which is substantially parallel to the central axis of the dispensing member (30). The actuation element (41) co operates with the at least one guiding surface (50) and said surface includes resistance means (55) that alter the co operation between the actuation element (41) and the guiding surface (50). In order to overcome the resistance means (55) the user must apply a different actuation force on the lateral actuation system (40).

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8012/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LATERALLY ACTUATED FLUID PRODUCT DISPENSING DEVICE

(51) International classification	:B65D83/38,B05B11/00,B65D83/22
(31) Priority Document No	:1152317
(32) Priority Date	:21/03/2011
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2012/050572 :19/03/2012
(87) International Publication No	:WO 2012/127165
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
The invention relates to a fluid product dispensing device comprising: a body (10); a container (20); a dispensing head (100) including a dispensing port (5); and a dispensing member (30) such as a pump or valve mounted on the container (20) by means of a mounting ring (60). The dispensing member (30) comprises a dispensing member body (31) and a mobile member (35) that is moved axially in the dispensing member body when the dispensing member (30) is actuated. In addition the device comprises a lateral actuation system (40) which is solidly connected to the body (10) and which comprises an actuation element (41) that can move between a rest position in which the dispensing member (30) is not actuated and an actuation position in which the dispensing member (30) is actuated the above mentioned container moving in the body upon actuation. The body also comprises a sleeve (15) positioned around one part of the container at a small distance therefrom and a resilient member (425) that co operates with the container in order to bring same into contact with a side of the sleeve (15) said sleeve (15) extending around a lower part (25) of the container (20) and said resilient element (425) co operating with the container (20) outside the sleeve (15).

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7820/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TREATMENT OF FISTULIZING CROHN S DISEASE

(51) International classification :A61K39/395,C07K16/24,A61P1/00
(31) Priority Document No :61/443829
(32) Priority Date :17/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050699
Filing Date :15/02/2012
(87) International Publication No :WO 2012/110968
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROGLER Gerhard
3)SCHARL Michael

(57) Abstract :
This disclosure is in the field of Crohn s disease in particular it relates to the treatment of fistulas in Crohn s disease using anti IL 13 antibodies. The antibody may be an IgG and in particular may be the anti IL 13 antibody 0195i/G12.

No. of Pages : 86 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7825/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COORDINATE MEASURING MACHINE

(51) International classification :G01B5/008,G01B21/04
(31) Priority Document No :11160313.0
(32) Priority Date :29/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055394
Filing Date :27/03/2012
(87) International Publication No :WO 2012/130832
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HEXAGON TECHNOLOGY CENTER GMBH
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1)PETTERSSON Bo
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3)SPRENGER Bernhard

(57) Abstract :
The invention relates to a coordinate measurement machine for determination of at least one space coordinate of a measurement point on an measured object with a first frame element (11) a second frame element (4) a linear drive unit (7) with a motor for moving the second frame element (4) relative to the first frame element (11) in a direction of movement and a position measurement instrument for determining a drive position of the second frame element relative to the first frame element. Therein the drive unit has limited stiffness and dynamic deflections on movement. The machine comprises a mechanical coupler (3) from the drive unit (12) to the second frame element (4) which coupler (3) comprises a first part (3A) fixed to the drive unit (12) and a second part (3B) fixed to the second frame element (4) which parts (3A 3B) are movable relative to each other by an active compensation actuator (5). The active compensation actuator (5) is built in such a way to shift the second frame element (4) against the drive unit (12) to introduce a counter displacement in such a way that the dynamic deflections are at least partially compensated.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8015/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLUID PRODUCT DISPENSER

(51) International classification :B65D51/24,F21V33/00,B05B15/00
(31) Priority Document No :1154179
(32) Priority Date :13/05/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/051029
Filing Date :10/05/2012
(87) International Publication No :WO 2012/156619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MULLER Patrick

(57) Abstract :
The invention relates to a fluid product dispenser comprising: a fluid product reservoir (1) comprising a neck (11) that defines an opening (12); a dispensing member (2) such as a pump or a valve comprising a body (21) which is held fixedly in the opening (12) in the reservoir (1) while defining an annular space (E) between the neck (11) and the body (21) characterized in that a source of radiation (61) is disposed in the annular space (E).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8016/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DECORIN COMPOSITIONS AND USE THEREOF

(51) International classification	:C07K1/36,C07K19/00,C07K14/435
(31) Priority Document No	:61/452299
(32) Priority Date	:14/03/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/028911 :13/03/2012
(87) International Publication No	:WO 2012/125626
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BLECK Gregory Thomas
2)COLLINS Ian John
3)FREY Mark Joseph

(57) Abstract :
The present invention relates to improved decorin compositions and methods of their production.

No. of Pages : 41 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8017/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SPLINED FASTENER

(51) International classification :F16B19/10
(31) Priority Document No :1107875.5
(32) Priority Date :11/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050912
Filing Date :25/04/2012
(87) International Publication No :WO 2012/153101
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TYSON Anthony Joseph
2)WILLIAMS Roger Andrew

(57) Abstract :
A fastener (2) for securing a workpiece comprising a plurality of workpiece members said fastener comprising a shank (4) and a radially enlarged head (6) wherein the fastener further comprises axial voids (40) and splines (18) provided on the internal wall of the bore of the fastener such that when the fastener is installed into a workpiece by a mandrel breakstem or pin once the shank of the fastener has contacted with the walls of the workpiece apertures the crests of the splines are deformed by the mandrel breakstem or pin and material of the crests is displaced into the voids.

No. of Pages : 48 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8018/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NEW CONJUGATED MOLECULES COMPRISING A PEPTIDE DERIVED FROM THE CD4 RECEPTOR COUPLED TO A POLYANIONIC POLYPEPTIDE FOR THE TREATMENT OF AIDS

(51) International classification	:A61K47/48,C07K14/705,A61P31/18
(31) Priority Document No	:11305309.4
(32) Priority Date	:18/03/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/054674 :16/03/2012
(87) International Publication No	:WO 2012/126833
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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3)BONNAFFE David

(57) Abstract :
This invention relates to a conjugated molecule comprising a peptide derived from the CD4 receptor coupled to an organic molecule by means of a linker as well as a process for its preparation. Said organic molecule comprises a 5 to 21 amino acid anionic polypeptide. Such a conjugated molecule can be used in antiviral treatment namely in the treatment of AIDS.

No. of Pages : 66 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2013

(21) Application No.787/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL FUNGICIDES COMPRISING BORON

(51) International classification :C01G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)RAMYA RAJAN

(57) Abstract :
Compounds of formula are as defined in claim 1, and their use in compositions and methods for the control and/or prevention of microbial infection, particularly fungal infection, in plants and to processes for the preparation of these compounds.

No. of Pages : 78 No. of Claims : 11

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

(21) Application No.802/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ANTI-FEEDENT COMPOUNDS

(51) International classification :A01G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KALAVAGUNTA PRAVEEN KUMAR
2)PALA RAJASEKHARREDDY
3)RAVIRALA NARENDER
4)PATHIPATI USHA RANI

(57) Abstract :
The present invention provides an improved process for the synthesis and purification process for the preparation of 1-((benzo[d]thiazol-2-ylamino)(aryl)methyl)naphthalen-2-ol of general formula 1 A v / O H fTT°H + CO 110-120°c r V r V) 1 . R 3 2a-2q 4a-4q Formula 1 Where Ar = Phenyl, 2,4-Dichlorophenyl, 3-Chlorophenyl, 4-Methylphenyl, 4-Bromophenyl, 4- Fluorophenyl, 3-Phenoxyphenyl, 2-napthyl, 4-Methoxyphenyl, 3,4,5-Trimethoxyphenyl, 4- (N,N-Dimethylamino)phenyl, 4-Cyanophenyl, 2-Bromo5-fluorophenyl, 3-Bromophenyl, 3,4- Dichlorophenyl, 3-Fluorophenyl, 4-lsopropylphenyl, useful as antifeedant and toxic agents against two major agricultural pests, Tobacco caterpillar, Spodoptera Utura (F.) and Castor semilooper, Achaea janata (L).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8020/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR EXECUTING AN ALTERNATING EVAPORATION AND CONDENSATION PROCESS OF A WORKING MEDIUM

(51) International classification :F25B35/04,F25B39/00
(31) Priority Document No :10 2011 015 153.2
(32) Priority Date :25/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/054998
Filing Date :21/03/2012
(87) International Publication No :WO 2012/130689
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SORTECH AG
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(72)**Name of Inventor :**
1)MITTELBACH Walter
2)DASSLER Ingo

(57) Abstract :
The invention relates to a method for executing an alternating evaporation and condensation process of a working medium on a heat transfer surface provided simultaneously as an evaporation and condensation surface. The method is characterized in that during a respective operating cycle from in each case a condensation process and in each case an evaporation process a condensate film of the working medium which forms during the condensation process is stored permanently in situ on the heat transfer surface and is then evaporated from the heat transfer surface during the evaporation process. In terms of the apparatus the heat transfer surface (2) is in the form of an in situ store for a condensate film (6) of the working medium which covers the heat transfer surface and does not drip off and remains on the heat transfer surface during the condensation process and evaporates during the evaporation process.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8021/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR PREPARING W/O EMULSION AND EMULSION

(51) International classification :B01J13/00,C10L1/32
(31) Priority Document No :2011051479
(32) Priority Date :09/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072304
Filing Date :29/09/2011
(87) International Publication No :WO 2012/120716
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)IMAI Yoko

(57) Abstract :
Provided is a process for preparing a W/O emulsion said process permitting a wide range of conditions. The process for preparing a W/O emulsion includes a step comprising: adding water that contains either closed vesicles formed from an amphiphilic substance which can spontaneously form closed vesicles or particles of a hydroxyl containing condensation polymer or both and that is to constitute the aqueous phase of the emulsion to an oil that contains a substance to be emulsified and that is to constitute the oil phase of the emulsion; and mixing the oil and the water together. It is preferable that the mixing is conducted by initiating the stirring before the completion of the addition. Further it is preferable that the water is added in an amount of at most 50 mass% relative to the oil including system to which the water is to be added.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8022/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRIC TAMP BLOW LABEL APPLICATOR

(51) International classification :B65C9/28
(31) Priority Document No :61/442511
(32) Priority Date :14/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024878
Filing Date :13/02/2012
(87) International Publication No :WO 2012/112450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)BIXEN Robert W.
2)DODS Steven M.

(57) Abstract :
A label tamp pad (20) includes a housing (22) that defines an air flow chamber (24) having an inflow opening (26) and an outflow opening (28). The tamp pad further includes an impact plate (40) having one or more openings (44) therethrough that are in fluid communication with the air flow chamber and an air flow generator (50) fluidly coupled to the air flow chamber for generating an air flow in a first direction. The tamp pad has a valve system (60) for directing the air flow generated by the air flow generator to draw air into the one or more openings to hold a label thereon and to blow air out of the one or more openings to eject the label from the impact plate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2013

(21) Application No.7701/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STIRRED BALL MILL

(51) International classification :B02C17/16,B02C17/18
(31) Priority Document No :11157806.8
(32) Priority Date :11/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054071
Filing Date :09/03/2012
(87) International Publication No :WO 2012/123347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)LANG Frank Ronald
3)JOOST Berndt

(57) Abstract :
A stirred ball mill comprises a container (2) , the iinnrn er wall of which delimits a cylindrical or conical, vertically arranged milling chamber (21) . Furthermore, it comprises a milling-material inlet (3), a milling-body inlet (7) and a milling-material outlet (4). Furthermore, it comprises a stirring machine (5) which extends in the milling chamber (21) in the axial direction and has at least one stirring member (51) which, in the case of the rotation of the stirring machine (5) in a first rotational direction, conveys the milling material from the milling-material inlet (3) to the milling-material outlet (4), A separating device (6) is arranged in the milling chamber (21) immediately upstream of the milling-material outlet in the conveying direction, which separating device (6) retains the milling bodies in the milling chamber (21) but permits discharging of the milling material through the milling-material outlet (4) . A millingbody outlet channel (8) which extends tangentially with respect to the inner wall of the container (2) and emanates from the milling chamber (21) is arranged at the lower end of the milling chamber (21), through which milling-body outlet channel (8) the milling bodies are conveyed out of the milling chamber (21) by means of a throughflow of the milling chamber (21) towards its lower end.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8026/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BINARY REFRIGERATION CYCLE DEVICE

(51) International classification :F25B7/00,F25B1/00
(31) Priority Document No :2011061546
(32) Priority Date :18/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056929
Filing Date :16/03/2012
(87) International Publication No :WO 2012/128229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ASARI Shun
2)ZUSHI Takahiro

(57) Abstract :
With the binary refrigeration cycle device of the present embodiment a high temperature side refrigeration circuit wherein a high temperature side compressor a high temperature side condenser a high temperature side expansion device and a cascade heat exchanger are connected via cooling medium piping and a low temperature side refrigeration circuit wherein a low temperature side compressor the cascade heat exchanger a low temperature side expansion device and an air heat exchanger are connected via cooling medium piping are installed in the same case. With this binary refrigeration cycle device the high temperature side compressor of the high temperature side refrigeration circuit and/or the low temperature side compressor of the low temperature side refrigeration circuit is connected to an inverter device and a control means which controls the inverter device such that the set operating frequency for the high temperature side compressor is higher than the set operating frequency for the low temperature side compressor when the refrigeration cycle operation is initiated is provided.

No. of Pages : 48 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8027/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANTIBODY DRUG CONJUGATES

(51) International classification :A61K47/48,A61P35/00
(31) Priority Document No :61/470576
(32) Priority Date :01/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051304
Filing Date :19/03/2012
(87) International Publication No :WO 2012/131527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KHANDKE Kiran Manohar
4)MARQUETTE Kimberly Ann
5)SAPRA Puja
6)TCHISTIAKOVA Lioudmila Gennadievna

(57) Abstract :
Disclosed are anti 5T4 antibody drug conjugates and methods for preparing and using the same.

No. of Pages : 59 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8028/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE FOR TRANSFERRING FILTER SEGMENTS IN THE PROCESS OF MANUFACTURING MULTI SEGMENT FILTER RODS

(51) International classification :A24D3/02
(31) Priority Document No :P394455
(32) Priority Date :06/04/2011
(33) Name of priority country :Poland
(86) International Application No :PCT/PL2012/000024
Filing Date :05/04/2012
(87) International Publication No :WO 2012/138241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)DOMINIAK Ryszard
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(57) Abstract :
Device for transferring cylindrical segments from a hopper (3) onto a grouping belt provided with a guiding drum (1) having flutes (2) on its periphery and a circumferentially closed conveyor (8) which delivers segments to a rotary element (24) with pushers (25). Conveyor (8) is provided with seats (10) with a catching element (11) for catching segments and transferring the segments from the conveyor (8) to the element (24) is effected by means of a spiral drum (23). The device has a push down element (15) constituted by a cam provided with a groove of a height corresponding to the diameter of the segment. The catching element (11) has the form of a depression (21) in the body (12) of the seat (10) shaped as a half of a cylinder provided with locks (22) on edges the axis of the depression (21) being perpendicular to the direction of motion of the conveyor (8). The conveyor (8) has projecting spigots for mounting the seats (10) and is constituted by a flexible belt or a chain. The spiral drum (23) can have the form of a cylinder or have at least one conical surface and underneath the drum (23) there is a ramp having a surface parallel to the surface of the drum (23) having a channel along which the conveyor (8) with seats (10) moves so that the ends of segments protruding out of the catching element (11) meet the surface of the ramp which pushes the segments consecutively into the groove of the spiral of the drum (23).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6915/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR IMPROVED OPERABILITY OF A HIGH TEMPERATURE FUEL CELL SYSTEM

(51) International classification :H01M8/18,H01M8/04,H01M8/12
(31) Priority Document No :20115202
(32) Priority Date :28/02/2011
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2012/050085
Filing Date :31/01/2012
(87) International Publication No :WO 2012/117150
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)…STR–M Kim
2)LAITINEN Marko

(57) Abstract :
The object of the invention is an arrangement for improved operability of a high temperature fuel cell device at higher fuel cell voltage values than nominal voltage values each fuel cell (103) in the fuel cell device comprising an anode side (100) a cathode side (102) and an electrolyte (104) between the anode side and the cathode side and the arrangement comprises means (132) for determining essential temperature information of the fuel cells (103) and main power converter (123) for loading fuels cells at least up to their rated power level. The arrangement comprises a non isolating preregulator (122) for reducing the fuel cell voltage to a voltage level useable for the main power converter (123) at least at substantially low power levels in start up and low current load situations when the fuel cell voltage is significantly higher than in nominal operation conditions said pre regulator (122) being located between the fuel cells (103) and the main power converter (123) and the arrangement comprises bypass means (408) for by passing the pre regulator (122) at substantially high current loads when the fuel cell voltage has decreased to the voltage level suitable for an input voltage of the main power converter.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6916/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ASEPTIC SAMPLING SYSTEM

(51) International classification :G01N1/10,B01L1/02,B65D81/32
(31) Priority Document No :1103068.1
(32) Priority Date :22/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050396
Filing Date :22/02/2012
(87) International Publication No :WO 2012/114105
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KATZ David Micah
3)POLLOCK Neil

(57) Abstract :
An aseptic sampling system comprises a sampler assembly and an interface assembly. Each assembly comprises a housing each housing defining a separate sterile enclosure for each of the assemblies. An air lock is arranged to provide in use the aseptic joining of the sterile enclosures within the sampler and interface assemblies and a re sealable liquid connection mechanism is positioned to operate within the air lock. The sampler assembly and interface assembly are arranged such that when connected together they form an outer protective surface comprising the housings of each of the sampler and interface assemblies theouter protective surface providing a sterile internal enclosure and air lock and an air tight barrier between the outer non sterile atmosphere and the inner sterile atmosphere. The re sealable liquid connection mechanism is contained within the sterile enclosure and contains at least one liquid connector from each of the sampler and interface assemblies and is configured such that in use at least one of the liquid connectors can move across the sterile enclosure and air lock to connect with the other connector in the liquid connection mechanism without contacting any internal surfaces within the air lock and is configured such that the liquid connectors in use can subsequently be re sealed disconnected and separated.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6917/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOLTEN SALT BATTERY

(51) International classification :H01M10/39,H01M4/485,H01M4/505
(31) Priority Document No :2011045693
(32) Priority Date :02/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054275
Filing Date :22/02/2012
(87) International Publication No :WO 2012/117916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)INAZAWA Shinji
3)SAKAI Shoichiro
4)FUKUNAGA Atsushi
5)NOHIRA Toshiyuki
6)HAGIWARA Rika

(57) Abstract :
The molten salt used as an electrolyte of a molten salt battery is a mixed salt between a salt in which the anion is an ion represented by. [RI-SO2-N-SO2-R2] - such as FSA ion and the cation is Na ion, and a salt in which the cation is an alkali metal ion other than Na ion or an alkaline earth metal ion. The active material of a positive electrode 1 is a metal oxide represented by NaxMlyM2i-y02 (wherein Ml is Fe or Ni, M2 is Mn or Ti, 0 < x 1 and 0 < y < 1) . The active material of the positive electrode 1 is, for example, Na2/3Fei/3Mn2/302. The molten salt battery operates at a low temperature, whereby time required for increasing the temperature of the battery to the operation temperature is reduced. The molten salt battery also has improved safety because the electrolyte is nonvolatile and nonflammable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6956/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PUBLISHING PUBLIC CONTENT AND PRIVATE CONTENT ASSOCIATED WITH THE PUBLIC CONTENT

(51) International classification :H04L29/08
(31) Priority Document No :13/020215
(32) Priority Date :03/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050459
Filing Date :01/02/2012
(87) International Publication No :WO 2012/104790
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RADIA Nimish
3)GRONOWSKI Kristoffer
4)XING Bo
5)TON Andrew

(57) Abstract :
A publishing method is disclosed which process enables a publisher to publish in a simple and easy manner a set of content that includes both public content and private content. In some embodiments this advantageous solution is achieved by implementing a multi step publishing process. In one step the publisher publishes a feed that contains: (1) the public content and (2) information advertising the existence of the private content and the scope of the private content. In another step the publisher stores the private content on a server accessible to the authorized entities.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6957/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTICAST DUAL JOIN FOR RING NETWORK TOPOLOGIES

(51) International classification :H04L12/18,H04L12/56
(31) Priority Document No :13/019836
(32) Priority Date :02/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050433
Filing Date :31/01/2012
(87) International Publication No :WO 2012/104778
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)DINAKARAN Veluchamy
3)NANDA Avoy
4)SRIDHARAN Avinash

(57) Abstract :
A network node includes a primary incoming interface a secondary incoming interface and a data flow control unit. The primary incoming interface is operable to receive traffic associated with a particular source and multicast group. The secondary incoming interface is operable to serve as a backup interface if the primary incoming interface or a transmission path coupled to the primary incoming interface is inoperative. The data flow control unit is operable to determine whether the network node is part of a ring topology and if so forward traffic received on the primary incoming interface associated with the source and multicast group to both a host which joined the multicast group and the secondary incoming interface and forward traffic received on the secondary incoming interface associated with the source and multicast group to the primary incoming interface.

No. of Pages : 19 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6958/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ORGANOSILOXANE COMPOSITIONS

(51) International classification :C08K3/26,C08L83/04,C09D183/04
(31) Priority Document No :1103689.4
(32) Priority Date :04/03/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/053620
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119940
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JADOT Emmanuael

(57) Abstract :
A one or more component moisture cure Organosiloxane composition that has strength in an uncured state (commonly referred to in the industry as green strength) and its uses. The composition comprises an organopolysiloxane polymer having a viscosity of at least 1000mPa.s at 25°C and not less than two silicon bonded hydroxyl groups and/or silicon bonded hydrolysable groups; a suitable catalyst; a cross linker adapted to react with organopolysiloxane polymer when catalysed with the catalyst; and optionally one or more rheology modifiers and 0 to 10% by weight of the composition of one or more extenders or plasticisers but in particular the composition contains a precipitated calcium carbonate filler in an amount of from 50 to 70 weight % of the total composition.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2013

(21) Application No.6959/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TREE INJECTION APPARATUS AND METHODS

(51) International classification :A01G7/06
(31) Priority Document No :61/444873
(32) Priority Date :21/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/000366
Filing Date :20/02/2012
(87) International Publication No :WO 2012/114197
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)OBRIST Gery
2)WYSS Peter

(57) Abstract :
A plug may be releasably mounted on a tip of a nozzle of an injector and the injector may be pushed toward a borehole in a tree trunk so as to introduce and mount the plug in the borehole using the injector. Then the injector may be operated to inject liquid into the borehole by way of the plug. Then the injector may be withdrawn from the tree trunk and the plug may remain in the borehole such as for reuse. The plug may at least seek to function as a barrier device for both restricting contact between the borehole and the injector s nozzle and restricting any backflow of the liquid from the borehole through the plug. The plug may include an elastic tube that functions as a check valve for restricting backflow through the plug.

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7952/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS AND CATALYSTS FOR DEOXYGENATING BIOMASS DERIVED PYROLYSIS OIL

(51) International classification :C10G45/08,B01J23/28,B01J23/74
(31) Priority Document No :13/150844
(32) Priority Date :01/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038747
Filing Date :21/05/2012
(87) International Publication No :WO 2012/166402
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TRAYNOR Thomas
2)BRANDVOLD Timothy A.
3)ABRAHAMIAN Jennifer F.

(57) Abstract :
Embodiments of methods and catalysts for deoxygenating a biomass derived pyrolysis oil are provided. The method comprises the step of contacting the biomass derived pyrolysis oil with a first deoxygenating catalyst in the presence of hydrogen at first predetermined hydroprocessing conditions to form a first low oxygen biomass derived pyrolysis oil effluent. The first deoxygenating catalyst comprises a neutral catalyst support nickel cobalt and molybdenum. The first deoxygenating catalyst comprises nickel in an amount calculated as an oxide of from 0.1 to 1.5 wt. %.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7953/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS AND APPARATUSES FOR FORMING LOW METAL BIOMASS DERIVED PYROLYSIS OIL

(51) International classification :C10G31/09,C10G3/00,B01D15/08
(31) Priority Document No :13/162188
(32) Priority Date :16/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038955
Filing Date :22/05/2012
(87) International Publication No :WO 2012/173748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GATTUPALLLI Rajeswar
3)BRANDVOLD Timothy A.

(57) Abstract :
Embodiments of methods and apparatuses for forming a low metal biomass derived pyrolysis oil are provided. The method comprises the steps of filtering a biomass derived pyrolysis oil with a high flux rate filter arrangement having a flux rate of 10 L/m/hr or greater to form a low solids biomass derived pyrolysis oil. The low solids biomass derived pyrolysis oil is filtered with a fine filter arrangement having a pore diameter of 50 μm or less to form an ultralow solids biomass derived pyrolysis oil. The ultralow solids biomass derived pyrolysis oil is contacted with an ion exchange resin to remove metal ions and form the low metal biomass derived pyrolysis oil.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7954/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CYCLONE REACTOR AND METHOD FOR PRODUCING USUABLE BY PRODUCTS USING CYCLONE REACTOR

(51) International classification :B01J6/00,B01J8/08,B01J8/14
(31) Priority Document No :61/444944
(32) Priority Date :21/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025822
Filing Date :20/02/2012
(87) International Publication No :WO 2012/115909
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VIERSTRA Scott
3)TARGETT Matthew
4)MICHELE Volker
5)BELLINGHAUSEN Rainer
6)MLECZKO Leslaw
7)SCHLUETER Oliver
8)MORHENN Heinrich

(57) Abstract :
A cyclone reactor for producing a usable by product as part of a recoverable slag layer the reactor comprising a housing having an outer wall that defines a combustion chamber; an inlet configured to introduce a reactant into the reactor; a burner configured to combust the reactant in a flame zone near a central axis of the chamber; and an outlet configured to provide for the removal of the usable by product from the housing; wherein the reactor is configured to combust a first portion of the reactant in an exothermic reaction in the flame zone; and wherein the reactor is configured to convert a second portion of the reactant in an endothermic reaction near the outer wall to produce the by product as part of the slag layer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7956/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COVER FOR AN INTAKE HOUSING

(51) International classification :F02B29/04,F28F9/00
(31) Priority Document No :1151989
(32) Priority Date :10/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/052391
Filing Date :13/02/2012
(87) International Publication No :WO 2012/119835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VALLEE Nicolas
2)NAUDIN Yoann

(57) Abstract :
The invention relates to a cover (1) to be installed at least opposite a heat exchanger (28) for exchanging heat between a feed gas stream of an internal combustion engine and a coolant said heat exchanger (28) including a bundle (32) and a coolant distribution area (33) for distributing the coolant in the bundle (32) characterized in that the cover (1) includes a protrusion (2) for limiting the circulation of the feed gas stream at the coolant distribution area (33). The invention can be used for automobiles.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7957/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTAKE HOUSING INCLUDING A HEAT EXCHANGER

(51) International classification :F02M31/20,F02M35/10,F02B29/04
(31) Priority Document No :1151992
(32) Priority Date :10/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/052390
Filing Date :13/02/2012
(87) International Publication No :WO 2012/119834
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ONETTI Demetrio
5)PICHENOT Yann

(57) Abstract :
The invention relates to an intake housing (1) for an internal combustion engine capable of receiving a heat exchanger for exchanging heat between a feed gas stream circulating in the housing and a coolant wherein said intake housing (1) includes a space (3) for the circulation of the feed gas and a space (2) for receiving the heat exchanger said receiving space (2) being defined by at least a first metal element (4 5) including at least one extension (16 17) that is integral with the first metal element (4 5) said extension (16 17) at least partially defining the space (3) for the circulation of the feed gas.

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7935/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENERGY MANAGEMENT FEATURE FOR VEHICLE SEATING

(51) International classification :B60N2/16,B60N2/42,B60N2/427
(31) Priority Document No :61/468453
(32) Priority Date :28/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/030950
Filing Date :28/03/2012
(87) International Publication No :WO 2012/135347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PALUCH Zbigniew

(57) Abstract :
A vehicle seating system is provided that includes a first link (38) having a first end rotatably coupled to a base and a second link (40) having a first end rotatably coupled to the base. The vehicle seating system also includes a main tube extending between a second end of the first link and a second end of the second link. The main tube (32) is configured to transfer torque between the first and second links. The vehicle seating system further includes an energy management feature configured to facilitate rotation of the first link relative to the second link if a torque applied to the main tube exceeds a threshold value.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7936/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIND TURBINE GENERATOR SYSTEM AND METHOD FOR OPERATING A WIND TURBINE GENERATOR SYSTEM

(51) International classification :F03D7/02
(31) Priority Document No :10 2011 006 670.5
(32) Priority Date :01/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/055226
Filing Date :23/03/2012
(87) International Publication No :WO 2012/130761
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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(57) Abstract :
The present invention relates to a method for controlling a wind turbine generator system that is connected to an electrical power system and has a generator with an aerodynamic rotor of variable speed in which the wind turbine generator system can be operated at an operating point with an optimal speed with respect to prevailing wind conditions wherein the wind turbine generator system is operated for a transitional period of time or for a sustained period of time at a non optimal operating point with a non optimal speed and the non optimal speed is greater than the optimal speed.

No. of Pages : 22 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7937/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MAGNETIC SEPARATION DEVICE

(51) International classification :B03C1/025,B03C1/00,B03C1/032
(31) Priority Document No :2011054335
(32) Priority Date :11/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054786
Filing Date :27/02/2012
(87) International Publication No :WO 2012/124460
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)YAMANASHI Ichiro
4)HAYAMI Tokusuke
5)KIUCHI Tomoaki

(57) Abstract :
This embodiment of a magnetic separation device has: a plurality of magnetic separation columns of which a plurality are disposed in series and that have a plurality of filters comprising a non magnetic cylinder of which the hollow center is the flow path for water to be processed and a magnetic body disposed in a manner so as to be perpendicular to the flow of water to be processed within the cylinder; and a magnetic field imposition device that imposes a magnetic field to a portion of the magnetic separation columns has a size that corresponds to the portion of magnetic separation columns and is provided slidably to the outside of the plurality of magnetic separation columns.

No. of Pages : 25 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7938/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEMS DEVICES EXHIBITING LINEAR CHARACTERISTICS

(51) International classification :H01G5/04
(31) Priority Document No :61/441760
(32) Priority Date :11/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024840
Filing Date :13/02/2012
(87) International Publication No :WO 2012/109645
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CLARK Jason Vaughn

(57) Abstract :
A micro electro mechanical system device has a first subassembly having sensor element including a coupler and a second subassembly including a comb drive. The comb drive having stator plates and rotor plates and the coupler configured to displace the rotor plates relative to the stator plates providing a variable capacitance dependent on the displacement of the rotor plate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7939/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELEVATOR DRIVE POWER SUPPLY CONTROL

(51) International classification :B66B1/34,B66B1/46,B66B5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/032597
Filing Date :15/04/2011
(87) International Publication No :WO 2012/141713
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ROGERS Kyle W.
2)MARVIN Daryl J.

(57) Abstract :
An exemplary elevator control system includes an elevator drive. A safety chain is configured to monitor at least one condition of a selected elevator system component. A first switch is operable to interrupt power supply to the elevator drive. The first switch is controlled by the safety chain depending on the monitored condition. A second switch is in series with the first switch. The second switch is operable to interrupt power supply to the elevator drive. The second switch is controlled by the safety chain depending on the monitored condition. A monitoring device is configured to determine when the first and second switches should be in a power supplying condition for supplying power to the elevator drive. One such circumstance is when it is desirable to cause movement of the elevator car. The monitoring device determines that the first switch is in the power supplying condition for allowing the safety chain to control the second switch for supplying power to the elevator drive. The monitoring device determines whether the second switch is in a power supplying condition when the first switch is properly in the power supply condition. The monitoring device is configured to prevent the elevator drive from being powered whenever it determines that either the first switch or the second switch is not in a desired condition.

No. of Pages : 14 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7967/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METALLURGICAL PLANT WITH EFFICIENT WASTE HEAT UTILIZATION

(51) International classification :F27D17/00,C21B5/06,C21B13/14
(31) Priority Document No :A368/2011
(32) Priority Date :17/03/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/EP2012/053975
Filing Date :08/03/2012
(87) International Publication No :WO 2012/123320
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROSENFELLNER Gerald

(57) Abstract :
A metallurgical plant has a plant (7) positioned upstream of a steel generating plant (8) in the production process for steel and has a gas generating plant (1) which generates an export gas (2). Carbon dioxide and/or water contained in the export gas (2) is at least partially removed from the export gas (2) in a separation device (3). A resulting product gas (4) is heated before being supplied to the upstream plant (7) in a firing unit (6) through the combustion of a heating gas (11). The heating gas (11) is supplied to the firing unit (6) in quantities significantly greater than those required for heating the product gas (4). That thermal energy which is produced during the combustion of the heating gas (11) and which is not used for heating the product gas (4) is thermally utilized. The utilization may take place within the firing unit (6) through steam generation and/or downstream of the firing unit (6) in relation to the gas flow of the flue gas (12) produced during the combustion of the heating gas (11). In the latter case the utilization may take place through pre heating of the heating gas (11) and/or through pre heating of an oxidation gas (10) used for the combustion of the heating gas (11) and/or through the pre heating and/or drying of raw materials (20 21) to be supplied to the upstream plant (7) and/or to the gas generating plant (1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7968/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTROSTATIC DISINFECTANT TOOL

(51) International classification :A61L2/03,A61L2/22
(31) Priority Document No :61/442152
(32) Priority Date :11/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024679
Filing Date :10/02/2012
(87) International Publication No :WO 2012/109556
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MICHELI Paul R.
2)MYERS Steven Andrew
3)ARMSTRONG Susan
4)METZGER Gary Phillip
5)HASSELSCHWERT Daniel J.
6)GAJJAR Nekheel S.

(57) Abstract :
An electrostatic disinfectant tool is provided to output a discharge to kill a biological cell. The electrostatic disinfectant tool includes an electrostatic applicator that outputs the discharge wherein the discharge includes an electrostatic field.

No. of Pages : 55 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7969/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A WET SCRUBBER FOR CLEANING AN EFFLUENT GAS

(51) International classification :B01D47/06,B01D53/14,B01D53/78
(31) Priority Document No :11154945.7
(32) Priority Date :18/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/000235
Filing Date :08/02/2012
(87) International Publication No :WO 2012/110871
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Brown Boveri Strasse 7 CH 5400 Baden Switzerland
(72)**Name of Inventor :**
1)BJARNO Odd Edgar

(57) Abstract :
A wet scrubber (12) for removal of at least one gaseous pollutant from an effluent gas comprises an inlet opening (60). A gas distributor (62) is arranged in a wet scrubber housing (52) and comprises a diffuser (102) having a cover plate (114). The cover plate (114) is arranged in the path of the effluent gas flowing into the wet scrubber housing (52). The diffuser (102) has at least one diffuser channel for transporting the effluent gas from the inlet opening (60) into the wet scrubber housing (52).

No. of Pages : 35 No. of Claims : 20

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

(21) Application No.805/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ONE STEP PROCESS FOR PRODUCTION OF MO METAL FROM MOS3/MOS2 USING MICROWAVE ASSISTED HYDROGEN PLASMA

(51) International classification :C01G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)JAYASANKAR KALIDOSS
2)PRIYANKA RAJPUT
3)BHAGYADHAR BHOI
4)PARTHA SARATHI MUKHERJEE
5)BARADA KANTA MISHRA

(57) Abstract :
The present invention relates to a process for the production of Mo metal from Mo03/MoS2 by reduction in a microwave assisted hydrogen plasma reactor. Mo03/MoS2 particles in the form of pellets are exposed to hydrogen plasma using hydrogen flow rate 100 - 500 seem under pressure 40-90 torr and power 1000-1500 watt. Availability of the high energy flux and plasma state conditions in the hydrogen plasma allow the reactions to be completed in very short duration. The process is environment friendly as the exhaust gas generated could be utilized. The XRD patterns of the end product indicate the formation of high purity metallic molybdenum. This process can also be adapted for other molybdenum compounds like ammonium dimolybdate etc.

No. of Pages : 13 No. of Claims : 10

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

(21) Application No.806/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THE H-BRIDGE TECHNIQUE ALLOWS THE LEDS TO BE OPERATED ON AC MAINS IN CURRENT LIMITED FULL WAVE MODE TO REALIZE AN EFFICIENT SOLID STATE LAMP

(51) International classification :H02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOHRI SUBODH
2)SINGH KULDIP
3)JOHRI PRATEEK

(57) Abstract :
The present invention is the novel implementation of H Bridge technique for facilitating current controlled full wave AC to DC conversion or rectification using electronic switches, actuating alternately during positive and negative cycles of AC mains, to power up series connected LED or string to realize high performance, low cost and energy efficient AC driven solid state illuminating device with zero flicker, for direct household AC mains operation. An H bridge is an electronic circuit that enables a voltage to be applied across a load in a controlled fashion through electronic or electro mechanical switches to power it up in either direction. These circuits are invariably used in Power electronics & Robotics to allow DC motors to run forward and backward. The present invention is a unique implementation of H bridge technique for powering up LEDs on AC mains.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2013

(21) Application No.8035/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OIL BODY EXTRACTION AND USES

(51) International classification :C11B1/10,A61K8/04,A61Q19/00
(31) Priority Document No :1102557.4
(32) Priority Date :14/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050323
Filing Date :14/02/2012
(87) International Publication No :WO 2012/110797
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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

(57) Abstract :
The present invention provides a method of extracting naturally occurring oil bodies comprising obtaining material containing naturally occurring oil bodies recovering the oil bodies in a wet preparation and drying the oil bodies;and dried oil bodies obtained by the method and uses thereof.

No. of Pages : 24 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2013

(21) Application No.8036/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GEODETIC MARKING SYSTEM FOR MARKING TARGET POINTS

(51) International classification :G01C15/00,B64C39/02,G01S17/42
(31) Priority Document No :11162509.1
(32) Priority Date :14/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056757
Filing Date :13/04/2012
(87) International Publication No :WO 2012/140188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HEXAGON TECHNOLOGY CENTER GMBH
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(72)**Name of Inventor :**
1)METZLER Bernhard

(57) Abstract :
The invention relates to a geodetic marking system (1) for marking a known target point (5) having an automotive unmanned remotely controllable air vehicle (10) and having a geodetic position determination arrangement (20) for determining the external actual position of the air vehicle (10) wherein the air vehicle (10) is designed in such a manner that the air vehicle (10) can be at least temporarily positioned as far as possible in a fixed position in particular in a hovering manner. The air vehicle (10) also has a marking unit (15) in particular a marking unit which can be removed in a modular manner for marking the target point (5) and the marking system (1) has a control unit wherein the control unit is configured in such a manner that the air vehicle (10) can be positioned in particular continuously in a defined desired position (6) in particular in a defined tolerance range around the desired position (6) relative to the target point position on the basis of the external actual position (4) which can be determined continuously in particular and a known target point position of the target point (5 5a 5b). The control unit is also configured in such a manner that it is possible to control the marking unit (15) for marking the target point (5) taking into account the actual position (4) the desired position (6) and a defined marking direction (14) from the marking unit (15) to the target point (5) with the result that the target point (5) can be marked with geodetic accuracy in the defined marking direction (14).

No. of Pages : 69 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2013

(21) Application No.8037/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADAPTIVE GAIN SHAPE RATE SHARING

(51) International classification :G10L19/02,G10L19/00
(31) Priority Document No :61/475767
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2011/051238
Filing Date :17/10/2011
(87) International Publication No :WO 2012/141635
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NORVELL Erik

(57) Abstract :
An object of embodiments of the present invention is to provide an improved gain shape VQ. This is achieved by determining a number of bits to be allocated to a gain adjustment and shape quantizer for a plurality of combinations of a current bit rate and a first signal property. The determined allocated number of bits to the gain adjustment and shape quantizer should provide a better result for the given bitrate and signal property than using a single fixed allocation scheme. That can be achieved by deriving the bit allocation by using an average of optimal bit allocations for a training data set. Thus by pre calculating a number of bits to the gain adjustment and the shape quantizers for a plurality of combinations of the bit rate and a first signal property and creating a table indicating the number of bits to be allocated to the gain adjustment and the shape quantizers for a plurality of combinations of the bit rate and a first signal property. In this way the table can be used for achieving an improved bit allocation.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2013

(21) Application No.8038/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADHESIVE RESIN COMPOSITION AND MULTILAYER STRUCTURE USING SAME

(51) International classification :C09J123/04,B32B27/00,B32B27/28
(31) Priority Document No :2011067454
(32) Priority Date :25/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057091
Filing Date :21/03/2012
(87) International Publication No :WO 2012/133008
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OMASA Shinya
2)SAKUMA Takashi

(57) Abstract :
The objective of the present invention is to provide an adhesive resin composition suitable for multilayer structures which maintains sufficient bonding strength even when in contact with gasoline or light oil while having excellent long term durability durability in terms of high temperature fuels and bonding strength at high temperatures. The present invention relates to an adhesive resin composition that is characterized by being composed of a modified ethylene polymer (A1) which is graft modified by an unsaturated carboxylic acid or a derivative thereof and has a density within the range of 930 980 kg/m and an unmodified ethylene polymer (A2) which has a density within the range of 910 929 kg/m. The adhesive resin composition is also characterized by having a melt flow rate (MFR) of 0.1 3 g/10 min as determined in accordance with ASTM D 1238 (at 190°C under a load of 2 160 g) a density of 920 930 kg/m and an elution of 60% by weight or less as determined by cross fractionation chromatography at 85°C or less. The present invention also relates to a multilayer structure which is obtained using the adhesive resin composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7974/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS FOR MANUFACTURING AN ANTIFUNGAL AGENT

(51) International classification :C07K7/56
(31) Priority Document No :61/471218
(32) Priority Date :04/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/055284
Filing Date :26/03/2012
(87) International Publication No :WO 2012/136498
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GUNNES S¸lvi
2)HALVORSEN Harald

(57) Abstract :
The present invention relates to an improved process for the preparation of Micafungin.

No. of Pages : 22 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7976/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THIOAMIDE COMPOUND METHOD FOR PRODUCING THIOAMIDE COMPOUND METHOD FOR PRODUCING [(4R 6R) 6 AMINOETHYL 1 3 DIOXANE 4 YL]ACETATE DERIVATIVE AND METHOD FOR PRODUCING ATORVASTATIN

(51) International classification :C07C327/42,A61K31/40,A61P3/06
(31) Priority Document No :2011035006
(32) Priority Date :21/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/053323
Filing Date :14/02/2012
(87) International Publication No :WO 2012/114926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHIBASAKI Masakatsu
2)KUMAGAI Naoya

(57) Abstract :
Provided is the thioamide compound represented by general formula (1). In general formula (1): R represents OR or NRR; R and R each independently represent a protecting group of an amide group or a hydrogen atom; R represents a protecting group of a hydroxide group or a hydrogen atom; and R and R each independently represent a protecting group of an amino group or a hydrogen atom (moreover R and R may together form a ring structured protecting group).

No. of Pages : 60 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7977/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITIONS FOR IMPROVING POLYESTERS

(51) International classification :C08G63/91
(31) Priority Document No :11157759.9
(32) Priority Date :10/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054249
Filing Date :12/03/2012
(87) International Publication No :WO 2012/120148
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)R–ME Daniel
2)PERSSON David
3)ROSENBERG Jan Erik
4)MOMCILOVIC Dane

(57) Abstract :
A method for altering the melt characteristics of a polyester such as the melt strength the method comprising the step of melt mixing the polyester with a tetracarboxylic dianhydride; across linker and chain extender comprising at least two groups being able to react with a carboxy group and a phenolic hydroxyl group;and a poly functional compound comprising at least two groups selected from the group consisting of non sterically hindered phenolic hydroxyl groups and carboxy groups.

No. of Pages : 36 No. of Claims : 39

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

(21) Application No.808/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SEMI-INTERPENETRATING POLYMER NETWORKS AND THEIR NANOCOMPOSITES AS ELECTROLYTE MATRIX: ELECTROLYTE COMPOSITIONS FOR NEXT GENERATION ENERGY CONVERSION, STORAGE AND DELIVERY DEVICES

(51) International classification :C08K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)NIMAI BAR
4)MD. SELIM ARIF SHER SHAH
5)KOTA RAMANJANEYULU

(57) Abstract :
Materials commonly used as electrolyte medium are either strongly acidic/alkaline or low molar mass organic solvents, such as EC, EMC, DMC, DEC, VC, PC, etc. Of the several cons, some of the primary limitations of these systems are attributed to their corrosive nature, being prone to leakage and evaporation, flammability and safety issues, environmental toxicity, weight and design restrictions, performance degradation and selfdischarge. The key players involved in the Li-ion rechargeable battery business barring few start-ups for example still rely heavily on liquid electrolytes albeit the technical reliability and safety concerns. Polymer electrolytes are projected to address multiple issues related to device performance (leakage, evaporation, corrosion, safety, stability, laminations, sealing, design and weight limitations), factors such as relatively low ionic conductivity, the ability of polymer electrolytes to operate with highly reactive electrodes such as lithium over a wider temperature range without deterioration in the charge capacity and electrolyte properties, the high interfacial electrode-electrolyte impedances, adhesion, lamination and wetting are still a major technological challenge and far from practical realization. The invention relates to high-ionic conductivity electrolyte compositions of semiinterpenetrating polymer networks and their nanocomposites as quasi-solid/solid electrolyte matrix for energy generation, storage and delivery devices, in particular for hybrid solar cells, rechargeable batteries, capacitors, electrochemical systems and flexible devices. The present invention utilizes select chemistry and strategy to modify the polymeric architectures, forming semi-interpenetrating polymer networks and its nanocomposites, electrolyte compositions with tailored morphology, reduced crystallinity, thermal and dimensional stability, enhanced film forming capability, reduce/limit the use of plasticizers prone to leakage and evaporation, and high ionic charge transport capability of polyether systems while addressing the gaps and bottlenecks. The end product in the process are a new series of high-ionic conductivity electrolyte compositions of semi-interpenetrating polymer networks and their nanocomposites as quasi-solid/solid electrolyte matrix which can find potential use in the next generation energy conversion, storage and delivery devices, in particular for hybrid solar cells, rechargeable batteries, capacitors, electrochemical systems and flexible devices. The high ionic conductivity achieved are in the range of 104- 103Scm1 at ambient temperatures without using any low molecular weight plasticizers such as ethylene carbonates, ethyl methyl carbonates, and so on, which is a significant achievement. Further, the electrolyte matrices are thermally very stable upto 150°C. 30

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/08/2013

(21) Application No.6918/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENGINEERING OF IMMUNOGLOBULIN DOMAINS

(51) International classification :C07K16/00,A61K39/395,C12N15/13
(31) Priority Document No :61/437174
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/000126
Filing Date :27/01/2012
(87) International Publication No :WO 2012/100343
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KIM Dae Young
2)TANHA Jamshid

(57) Abstract :
The present invention provides a single domain antibody (sdAb) scaffold comprising one or more than one non canonical disulfide bond in the framework region (FR). The one or more than one non canonical disulfide bond may be formed between cysteines introduced by mutations in FR2 and FR3. In the case where the sdAb scaffold is a VH the Cys may be introduced at any one of positions (47 49) and any one of positions (67 71) based on Kabat numbering; in one example the Cys may be introduced at positions (49) and (69) based on Kabat numbering. In the case where the sdAb scaffold is a VL the Cys residues may be introduced at any one of positions 46 49 and any one of positions (62 66) based on Kabat numbering; in one example the Cys residues may be introduced at positions (48 and 64) based on Kabat numbering.

No. of Pages : 117 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.819/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GROUND CONNECTION AVIONICS COOLING.

(51) International classification :B64G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ARUP SARKAR

(57) Abstract :
The Ground Connection Avionics Cooling can be fitted where air flow is to be fed to a system and any escape of air from the system is to be prevented. It also has a protective cover with a locking mechanism and easy & quick engagement / disengagement procedure. It consists of an Al. Alloy Body and double flap type NRV in which a pair of D shaped flaps hinged in the central cross shaft and loaded to the closed position by torsion springs. It permits airflow in free flow direction.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.822/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GROUND POWER PROTECTION UNIT FOR LIGHT COMBAT AIRCRAFT (LCA)

(51) International classification :G05D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ANUJ BHAGWAN SINGH
2)G.K. JHA

(57) Abstract :
Ground Power Protection Unit (GPPU) basically monitors the output parameters of ground power source such as DC/AC voltage, frequency and phase sequence an energizes the ground power contactor (GPC) if all parameters of ground power are within specified limits. The GPPU shall isolate the ground power source from the busbar by de-energizing the ground power contactor in case of fault of over/under voltage for DC & AC, over/under frequency and incorrect phase sequence for AC source. The DC voltage available from the ground power DC source is compared against a fixed reference by a comparator circuit which in turn energizes a relay and allows the DC ground power contactor in the aircraft electrical system to close if the voltage of the power source is within the specified band. The unit shall also disconnect the contactor if the voltage goes beyond the specified band during the operation. The three phase voltage available from AC ground power source is stepped down, rectified and compared against a fixed reference for voltage level by a comparator circuit which de-energizes the relay when AC voltages are within specified limits. A single phase AC output is fed through a zero detector circuit to a band pass filter designed for the specified band of frequency. The O/P of the band pass filter is compared against a reference level by a comparator whose O/P is ANDed with the above AC voltage level sensing circuit. The GPPU shall also detect the phase sequence by measuring the phase angle amongst all the three phases with respect to each other by a phase detecting circuit. The unit provides a signal for AC External power contactor in the Aircraft Electrical system to close if the parameters are within the specified limits and shall also disconnect the same contactor if any of the parameters goes beyond the specified limits.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7807/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PUMP UNIT FOR SUPPLYING FUEL PREFERABLY DIESEL OIL TO AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02M59/10,F02M59/44,F04B1/04
(31) Priority Document No	:MI2011A000976
(32) Priority Date	:30/05/2011
(33) Name of priority country	:Egypt
(86) International Application No Filing Date	:PCT/EP2012/056068 :03/04/2012
(87) International Publication No	:WO 2012/163576
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)RONCONE Massimiliano
2)RIGLIETTI Gaetano
3)GORGONE Giovanni

(57) Abstract :
A pump unit for supplying fuel preferably diesel oil to an internal combustion engine has a piston (10) which is engaged slidably in a cylinder (6) formed in a pump housing (2) is moved through a stroke for the intake of fuel into the cylinder (6) by a first annular element (24) extending around a narrower portion (12) of the piston (10) and is positioned in contact with a shoulder (13) of the piston (10) by means of the interposition of a second annular element (27).

No. of Pages : 13 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7808/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LASER GENERATOR FOR DEEP TISSUE LASER TREATMENT USING LOW INTENSITY LASER THERAPY CAUSING SELECTIVE DESTRUCTION OF NOCICEPTIVE NERVES

(51) International classification :A61B18/22
(31) Priority Document No :13/022178
(32) Priority Date :07/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066006
Filing Date :20/12/2011
(87) International Publication No :WO 2012/108933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SRINIVASAN Pattanam

(57) Abstract :
A laser generator for laser therapy in the treatment of pain conditions by selective destruction of nociceptive or pain nerves wherein a laser generator that generates a continuous and pulsed laser wavelength between 690 nm to 980 nm that is transmitted fiberopticallv through a laser fiber within a spinal needle to contact areas within a body where pain nerves require destruction through optimal absorption of laser energy by pain nerves without affecting other types of nerves or surrounding tissues.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7809/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FIBER EMBEDDED HOLLOW NEEDLE FOR PERCUTANEOUS DELIVERY OF LASER ENERGY

(51) International classification :A61B18/22
(31) Priority Document No :13/022178
(32) Priority Date :07/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064376
Filing Date :12/12/2011
(87) International Publication No :WO 2012/108927
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SRINIVASAN Pattanam

(57) Abstract :
An apparatus facilitating percutaneous delivery of laser energy includes: a hollow needle having a cutting edge at an insertion end thereof; and a laser fiber fixedly embedded within the hollow needle the embedded laser fiber within the needle being permanently fixed within the hollow needle as one non detachable unit.

No. of Pages : 21 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.823/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TEST BENCH FOR 11.5LPM HYDRAULIC PUMP OF LIGHT COMBAT AIRCRAFT (LCA)

(51) International classification :F04B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)M.K. CHAURASIA

(57) Abstract :
(1) The Test Bench is custom designed to suit the testing requirements of the 11.5LPM Hydraulic Pump of LCA (UUT). (2) The Test Bench is designed as per the hydraulic Circuit (Refer Fig-1) and it is arranged in the floor space of 4.8m X 5.3m as per the layout (Refer Fig-2). (3) The Test Bench is capable to simulate all the test conditions on ground for the UUT. It is capable of checking the performance of the UUT and thus qualifying the Unit Under Test for fitment in the aircraft. (4) The Test Bench is using latest digital technology in measuring the parameters like flow, pressure, speed, torque, temperature and simulating the test conditions by controlling input as well as output parameters during Tests. (5) The safety and interlocking of drive / pressure provided in the test bench enhance its operation safety for operator as well as Unit Under Test. (6) The Test Bench is economically designed for operation and maintenance. The Test Bench is user friendly and having noise level below 70dB. (7) The Test Bench is also capable to test Hydraulic Pump having similar adaptation but different parameters up to flow of 25LPM.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.824/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AIR BRAKE ACTUATOR FOR LIGHT COMBAT AIRCRAFT (LCA)

(51) International classification :B60T
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :DGM (EQUIPMENTS) ASERDC HINDUSTAN AERONAUTICS LIMITED, ACCESSORIES DIVISION, FAIZABAD ROAD, LUCKNOW-226016, U.P., INDIA.
(72)**Name of Inventor :**
1)G C S NEGI

(57) Abstract :
This jack is double acting type, hydraulically controlled with both ports for its extension and retraction on one side. The jack is use to lower the control surface and arresting the speed of the aircraft while in flight. The Jack consists of a cylinder (7) and inside which Piston (6) can move. The Cylinder (6) is blanked by Eye End SIA (1) at one end and by the Gland SIA (14) at the other end. Eye End SIA (1) is retained through Nut (5), Ring (2 parts) (4) and Key (3) arrangement which prevents Cylinder (7) from rotating in the Eye End SIA (1). Gland SIA (14) is also retained by another set Nut (5), Ring (2 parts) (4) and Key (3) arrangement. Stroke of the Jack is the distance which piston (6) can move while butting on Eye End SIA (I) (in retract condition) and Gland SIA (14) (in extended condition). A duplex LVDT (8) with two connectors (2), whose fixed part is mounted on Eye End SIA (1) and moving part i.e core is threaded to Piston (6) through 2 Nuts(9 &lo). This duplex LVDT provided continuous voltage signal for position of actuator which is fed to Automatic Flight Control System (AFCS) which is used for stability of aircraft. Fork End SIA (12) threaded to Piston (6) Rod is used for attachment of the actuator to movable control surface. The Eye End SIA (1) attaches the jack to fixed structure of the aircraft.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013
(21) Application No.7996/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DENTAL MODEL AND MODEL TEETH

(51) International classification :G09B23/28
(31) Priority Document No :2011055288
(32) Priority Date :14/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/056477
Filing Date :13/03/2012
(87) International Publication No :WO 2012/124714
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HIGASHIMURA Akihiro
2)KOKUBO Toshimitsu

(57) Abstract :
The purpose of the present invention is to provide a dental model capable of strongly fixing model teeth to a model main body and capable of configuring model teeth with a desired length. This dental model (1) is provided with a model main body (10) model teeth (20) which have a dental crown (21) and a dental root (22) and which are attached to the model main body (10) and screws (30) which have a shaft (31) and a head (32) and which detachably connect the model teeth (20) to the model main body (10). The model main body (10) is provided with a base (11) dental root arrangement units (12) which are provided on one surface (11a) of the base (11) and in which the dental roots (22) are arranged holes (13) which are formed in the dental root arrangement units (12) and through which the shafts (31) are inserted and support pieces (15) which protrude from the one surface (11a) of the base (11) and which support the lateral surface of the dental roots (22) arranged in the dental root arrangement units (12). The model teeth (20) are provided with screw holes (24) into which the shafts (31) are screwed and with supported parts (25) which are supported by the support pieces (15).

No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7997/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SEMICONDUCTOR CHIP WITH SUPPORTIVE TERMINAL PAD

(51) International classification :H01L23/485
(31) Priority Document No :13/072554
(32) Priority Date :25/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027631
Filing Date :03/03/2012
(87) International Publication No :WO 2012/134710
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TOPACIO Roden R.
2)SU Michael Z.
3)MCLELLAN Neil

(57) Abstract :
Various semiconductor chip input/output structures and methods of making the same are disclosed. In one aspect a method of manufacturing is provided that includes providing a semiconductor chip (15) that has a first conductor pad (85) and a passivation structure (45). A second conductor pad (120) is fabricated around but not in physical contact with the first conductor pad (85) to leave a gap (125). The second conductor pad (120) is adapted to protect a portion of the passivation structure (45).

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7998/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MICROBIAL FUEL CELL

(51) International classification :H01M8/16
(31) Priority Document No :1104046.6
(32) Priority Date :09/03/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050537
Filing Date :09/03/2012
(87) International Publication No :WO 2012/120314
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)IEROPOULOS Andrea Ioannis

(57) Abstract :
The present invention provides an arrangement of microbial fuel cells (MFCs) in which the MFCs are in discontinuous flow communication methods of operating such an arrangement methods of hydrogen production and electrical production using such an arrangement a digester for use in the arrangement and methods of increasing power output from the arrangement.

No. of Pages : 35 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7999/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CRYOGENIC MEDICAL SYSTEM

(51) International classification :A61B18/18
(31) Priority Document No :13/038862
(32) Priority Date :02/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027512
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119088
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ROBILOTTO Anthony T
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5)BAUST John G
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7)VAN BUSKIRK Robert

(57) Abstract :
A cryogenic medical device for delivery of subcooled liquid cryogen to various configurations of cryoprobes is designed for the treatment of damaged diseased cancerous or other unwanted tissues particularly as utilized for the ablation of cardiac tissue in the treatment of atrial fibrillation. The device is a closed or semi closed system in which the liquid cryogen is nitrogen contained in both the supply and return stages. The device is capable of generating cryogen to a supercritical state specifically supercritical nitrogen and may be utilized in any rapid cooling systems. As designed the device also integrates endocardial catheters and epicardial probes.

No. of Pages : 66 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.826/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DC MASTER BOX FOR RE-ENGINED CHEETAH (CHEETAL) HALICOPTER FOR MILITARY AND CIVIL AVIATION

(51) International classification :H02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PAWAN KUMAR
2)A.K. SHRIVASTAVA

(57) Abstract :
The previous version in Cheetah helicopter was with distributed contactors and Fuses. It has disadvantage of complex wiring, higher voltage drops and low system efficacy. The developed unit shown in Figure-1 has been rigorously tested for applicable military standards and has type approval for Military applications from Centre of Military Airworthiness (CEMILAC, Bangalore). DC Master Box for Re-Engined cheetah (Cheetal) helicopter has been invented to- 1. Centralize the control of various contactors and fuses distributed over the aircraft. 2. To provide logical centralized switching of these contactors according to various modes of operation during flight. The concept has been introduced for the first time for Re-engined Cheetah Helicopter application and successfully flight tested. DC Master Box is developed as a part of DC Power Generation and Distribution System for re-engined Cheetah (Cheetal) Helicopter. It has been designed for use with an independent Starter/Generator mounted on the engine accessories gearbox, and will be interfaced with GCPU, Battery, External Power Source & control panel of DC power generation and distribution system. The attached Figure-1 is to gives detail of internal architecture of the product developed with major part details. The internal architecture given in Figure-1 shows the placement of various Contactors and Circuit Breakers inside the DC Master Box and is self explanatory. These are connected with incoming power from Generating sources of Helicopter, their controllers and protection circuits. The DC Loads are connected through this DC Master Box through suitable terminal blocks developed and are part of the unit. Certain Pin and connectors are provided on other side of the unit for control and monitoring. Aircraft grounds are connected on other side. Initially the SC (Start Contactor) provides power to Starter- Generator (not shown here) to start the Main Engine and later on GLC (Generator Line contactor) connects the same Starter-Generator to cater the power needs of Helicopter. In the event of failure of Starter/Generator, the DC Master Box will activate the battery contactor through which on-board single battery (Ni-Cd, 40 Ah) will come on the Main Bus and will supply power to emergency loads. DC External Power Receptacle (EPR) is provided at the port side of the Helicopter for the accessibility of ground DC Power.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7752/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : USE OF 3 (5 AMINO 2 METHYL 4 OXOQUINAZOLIN 3(4H) YL)PIPERIDINE 2 6 DIONE IN TREATMENT OF IMMUNE RELATED AND INFLAMMATORY DISEASES

(51) International classification :A61K31/495,A61P37/00
(31) Priority Document No :61/451995
(32) Priority Date :11/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028538
Filing Date :09/03/2012
(87) International Publication No :WO 2012/125475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SCHAFER Peter H.

(57) Abstract :
Provided herein are methods of using compounds and compositions for modulating lymphocytic activity including activity of B cells and/or T cells in immune related diseases or inflammatory diseases. Pharmaceutical compositions and dosing regimens for use in the methods are also provided herein.

No. of Pages : 65 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7753/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL IMIDAZO OXAZINE COMPOUND OR SALT THEREOF

(51) International classification :C07D498/04,A61K31/5365,A61P35/00
(31) Priority Document No :2011084880
(32) Priority Date :06/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059376
Filing Date :05/04/2012
(87) International Publication No :WO 2012/137870
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KAMIJO Kaori
4)OHKUBO Mitsuru
5)SHIMOMURA Toshiyasu

(57) Abstract :
The present invention provides an imidazooxazine compound represented by Formula (I) or a salt thereof. (I) wherein A, B, C, and D are as defined in the specification.

No. of Pages : 101 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7754/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENVIRONMENTALLY FRIENDLY MULTI PURPOSE REFLUXING CLEANER

(51) International classification :C11D3/60,C11D7/50
(31) Priority Document No :13/066362
(32) Priority Date :13/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033273
Filing Date :12/04/2012
(87) International Publication No :WO 2012/142252
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KAISER Nancy E.

(57) Abstract :
A solvent blend cleaner useful for reflux cleaning of chemical manufacturing equipment including that used in manufacturing pharmaceuticals comprises a blend of environmentally friendly and safe solvents selected on the basis of specific criteria such as vapor pressure vapor density boiling point specific heat and heat of vaporization among other things; achieves excellent cleaning even upon further dilution with water; and avoids the disadvantages associated with the use of conventional commodity solvents in reflux cleaning methods. Desired solvency cleaning and wetting properties of the inventive formulations in use can be achieved through blending of solvents having the selected criteria. Additives such as surfactants can be added to enhance cleaning and lower solvent requirements.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7755/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPLANT

(51) International classification :A61F2/30,A61F2/40
(31) Priority Document No :1105243.8
(32) Priority Date :29/03/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/052463
Filing Date :14/02/2012
(87) International Publication No :WO 2012/130517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)GAUTHIER Sylvain

(57) Abstract :
An implant (20) prosthesis and method of use are described. The implant comprises an articulation component (24) having a bearing surface (60) and a reverse surface (62) arranged to couple to a proximal neck portion (26) of an arthroplasty implant (22) coupled to a bone. A collar (28) is arranged to couple to the reverse surface of the articulation component. The collar defines a neck hole (70) arranged to pass around the coupling between the articulation component and the proximal neck portion of the arthroplasty implant. The collar and the articulation component comprise complementary coupling features to secure the collar to the articulation component. The collar further comprises a plurality of attachment portions (74) to couple the collar to bone fragments or soft tissues. The prosthesis comprises the implant and an arthroplasty implant having a distal portion arranged to be coupled to an end of a long bone and a proximal neck portion.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7756/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR SIMULATING HIGH INTENSITY PYROTECHNIC SHOCK

(51) International classification :G01M7/08,G01N3/30,G01M7/02
(31) Priority Document No :13/092116
(32) Priority Date :21/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027987
Filing Date :07/03/2012
(87) International Publication No :WO 2012/145083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)THONG Chhour Meng
3)WEST Mitchell Eugene
4)SLONENA JR. Raymond R.

(57) Abstract :
A system for simulating a pyrotechnic shock may include an electrical power amplifier a shaker and a resonance beam. The electrical power amplifier may be configured to amplify a transient signal waveform representing a desired shock response spectrum (SRS). The shaker may be configured to generate a shock pulse in response to the amplified signal waveform. The resonance beam may be mounted to the shaker and may be configured to magnify the shock pulse.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7757/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ORGANIC PHOTOSENSITIVE DEVICES COMPRISING ARYL SQUARAINES AND METHODS OF MAKING THE SAME

(51) International classification :C09B23/00,H01L51/00,C09B57/00
(31) Priority Document No :61/441153
(32) Priority Date :09/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/024131
Filing Date :07/02/2012
(87) International Publication No :WO 2012/109232
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WEI Guodan
4)WANG Siyi
5)HALL Lincoln
6)DIEV Viacheslv V.
7)XIAO Xin
(72)**Name of Inventor :**
1)FORREST Stephen R.
2)THOMPSON Mark E.
3)WEI Guodan
4)WANG Siyi
5)HALL Lincoln
6)DIEV Viacheslv V.
7)XIAO Xin

(57) Abstract :
There is disclosed squaraine compounds of formula (I): wherein each of Y and Y is independently chosen from an optionally substituted amino group and an optionally substituted aryl group. Also described are organic optoelectronic devices comprising a Donor Acceptor heterojunction that is formed from one or more of the squaraine compounds. A method of making the disclosed device which may include one or more sublimation step for depositing said squaraine compound is also disclosed.

No. of Pages : 73 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8019/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING IMPROVED RUBBERIZED CONCRETE USING WASTE RUBBER TIRES

(51) International classification	:C04B18/22,C04B28/02,C08J11/10
(31) Priority Document No	:13/078913
(32) Priority Date	:01/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/030048 :22/03/2012
(87) International Publication No	:WO 2012/134928
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YEN Kuo Ji
2)LEE Maw Tien
3)CHOU Liang Hsign
4)CHANG Jen Ray

(57) Abstract :
Partial oxidation of crumb rubber derived from environmental hazardous waste tires yields surface treated crumb rubber and a gas condensate which are used as blending stocks for making rubberized concrete with substantially improved mechanical strength as compared to the conventional rubberized concrete. The chemically more active rubber surface becomes hydrophilic so it interacts with the hydrophilic surface of surrounding cement matrix much stronger. The gas condensate co produced in the partial oxidation reactor consists of mainly active sulfur oxides (R SO R) and serves as an excellent bonding agent to further enhance the bonding strength between the partially oxidized rubber particles and the cement mixes. The mechanically improved rubberized concrete is more versatile than conventional rubberized concrete.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2013
(21) Application No.918/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANALOG MAXIMUM POWER POINT TRACKER FOR SOLAR PHOTOVOLTAIC

(51) International classification :H03L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DR. PARTHASARTHI SENSARMA
2)MR. SOUMYA SHUBHRA NAG

(57) Abstract :
The invention relates to a control apparatus for tracking a maximum power point (MPP) for a solar photovolic panel, the solar photovoltaic panel is having a power source and coupled to a converter at first end and an utility system, at a second end, the apparatus comprising: a sample and hold (S&H) circuitory device consisting of passive elements but devoid of switching elements; a perturbation circuitory device for consistently perturbing perturbation voltage (Vpv) to track insolation variation, the circuitory device applying a perturbation upon determining that Vpv and Ipv settled to optimum values by comparing a first perturbation voltage signal (AKVpvN) and a corresponding incoming current signal (AVJIN) with a reference voltage signal (Vi); a comparator circuitory device to convert analog logic signal in respect of first perturbation voltage (AkVpvN) of the panel at a first switching period and the corresponding incoming current signal (AVJIN) at power source of the panel; a XNOR gate receiving the compared and adjusted voltage and current signal from the comparator circuitory device; a voltage control current source (VCCS) circuitory device receiving a second voltage perturbation signal (AkVpVN+i) at second switching cycle from the XNOR gate and converting the digital output to analog output including conversion of unipolar (AkVpvN+i) signal to a bipolar singal; and a reference capacitor (Cref) connected at the output of the VCCS circuitory device and generating signal indicative of he maximum power point (MPP) of the SPV,wherein the capacitor (Cref) is linearly charged when the second voltage perturbation signal (AkVpVN+i) represents a positive increment in voltage or power (logic 1), and wherein the capacitor (Cref) is linearly discharged when the second voltage perturbation signal (AkVpVN+i) represents a negative increment in voltage or power (logic 0).

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.921/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL SEAT IN A PASSENGER CAR

(51) International classification :B60J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UTTAM KUMAR MISHRA
2)ABHINAV KUCHHAL

(57) Abstract :
This invention relates to a novel seat in a passenger car comprising of a seat provided with guide thereunder, along which back rest with head rest moves, wherein profile of said back rest and head rest is same both in the front and back and profile of the seat is provided with a uniform curve. The invention is provided particularly in co-driver seat, which can turn towards rear. The seat can be accommodated in any size of four wheeler.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8023/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SEALING DEVICE FOR A CONTAINER

(51) International classification :B65D51/00
(31) Priority Document No :11305436.5
(32) Priority Date :14/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/001546
Filing Date :10/04/2012
(87) International Publication No :WO 2012/139746
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LANIER Romain

(57) Abstract :
The present invention relates to a sealing device (1) for a container having an opening and an outer projection comprising: a septum (10) for closing said opening a cap (20) comprising retaining means (25 26) capable of switching from a first position in which they do not limit the axial movement of said cap with respect to said container to a second position in which they do a sleeve (30) receiving said cap and movable axially with respect to said cap between a distal position in which said sleeve does not exert a radial inward force on said retaining means and a proximal position in which it does wherein said sleeve comprises guiding means (32) capable of cooperating directly or indirectly with said outer projection so as to limit the rotation of said sleeve with respect to said container when said sleeve is in its proximal position regardless from the orientation with which the sealing device is mounted on said container.

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

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

(21) Application No.913/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCTIOIN METHOD OF AMORPHOUS ALPO4-METAL NANOCLUSTER COMPOSITES FOR APPLICATION IN MAGNETIC SYSTEMS

(51) International classification :C01F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ROY; SUBIR KUMAR
2)MAHARANA; RAJALAXMI
3)RAJA; MUTHUVEL MANIVEL

(57) Abstract :
The present invention relates to a new production method of metal nanoclusters embedded in non- magnetic amorphous Alp04 camposite matrix. Further, the present invention is directed towards a simple chemical method of synthesis of transition metal nanoclusters in-situ in amorphous aluminum phosphate matrix fiom common inexpensive metal salts.

No. of Pages : 35 No. of Claims : 11

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

(21) Application No.915/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IDLE START STOP SYSTEM FOR A VEHICLE

(51) International classification :B60M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TARUN OJHA
2)REGIL SUDHARKAR P.

(57) Abstract : An idle stop start system for a vehicle is presented. The idle stop start system for the vehicle includes at least one detecting means adapted to detect at least one vehicle state parameter; an electronic control unit communicatively coupled to the detecting means, the electronic control unit configured to determine idle state of the vehicle based on the detected vehicle state parameter; and wherein the electronic control unit is configured to disable at least one engine operating means after a preset time post the idle state of the vehicle is attained and enable the disabled engine operating means at the end of a predetermined time.

No. of Pages : 35 No. of Claims : 28

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

(21) Application No.919/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PREPARATION OF GREEN CHILLI POWDER

(51) International classification :A23L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SINGH, Sudhir

(57) Abstract :
The present invention relates to a method for preparation of green chilli powder by effective blanching of green chilli pieces with additives followed by osmotic diffusion treatment. The present invention also provides green chilli powder with improved shelf life and enhanced retention of vitamin C, green colour, and pungency.

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.924/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED SPARE TIRE SCREW OF VEHICLE

(51) International classification :B60C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ABHISHEK KUMAR
2)ANUPAM HAJARA

(57) Abstract :
This invention relates to an improved spare tire screw of vehicle comprising of a coupler connected to spare tire screw, wherein the coupler is provided at the opening end of said screw. The invention is associated with the following advantages: - 1. Ensures proper Tightening and easy opening (especially for Female &, Aged) 2. Ease of Opening in overinflated condition 3. Ease of Accessibility for screw spare tire 4. Suitable for mostly all type of layout 5. Easy to manufacture 6. Cost effective.

No. of Pages : 10 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8013/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR ASSEMBLING A LATERALLY ACTUATED FLUID PRODUCT DISPENSING DEVICE

(51) International classification :B05B11/00,B65D83/38
(31) Priority Document No :1152326
(32) Priority Date :21/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050574
Filing Date :19/03/2012
(87) International Publication No :WO 2012/127167
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LE MANER Fran§ois

(57) Abstract :
The invention relates to a method for assembling a fluid product dispensing device comprising the following steps: pre assembling a first unit comprising a body (10) and a lateral actuation system (40) including a supporting element (42) mounted on the body (10) such that it can pivot about an axis (A) an actuation element (41) being mounted on the supporting element (42) such that it can pivot about an axis (B) said supporting element (42) comprising a pre assembled position in which the lateral actuation system (40) is blocked; assembling a second unit comprising a dispensing member (30) such as a pump or valve mounted on a container (20) by means of a mounting ring (60) in the first pre assembled unit; and moving the supporting element (42) from the pre assembled position to a final assembled position which is axially offset in relation to the pre assembled position and in which the actuation element (41) co operates functionally with the mounting ring (60) in order to actuate the dispensing member (30) each time the lateral actuation system is actuated.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8014/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LATERALLY ACTUATED DEVICE FOR DISPENSING A FLUID PRODUCT

(51) International classification :B05B11/00,B65D83/38,B65D83/22
(31) Priority Document No :1152312
(32) Priority Date :21/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050577
Filing Date :19/03/2012
(87) International Publication No :WO 2012/131221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LE MANER Fran§ois

(57) Abstract :
The invention relates to a device for dispensing a fluid product comprising a body (10) a reservoir (20) a head (100) incorporating a dispensing orifice (5) a dispensing member (30) mounted on said reservoir (20) by way of a fastening ring (60) said device also comprising a lateral actuation system (40) secured to said body (10) comprising an actuating element (41) that is able to move between a rest position in which said dispensing member (30) is not actuated and an actuating position in which said dispensing member (30) is actuated said lateral actuation system (40) comprising a pressure element (42) mounted such as to be able to pivot about an axis (A) on the body (10) said actuating element (41) being mounted on said pressure element (42) such as to be able to pivot about an axis (B) approximately parallel to said axis (A) said actuating element (41) engaging with said pressure element (42) by way of a multidirectional swivel joint (400) allowing said actuating element (41) to pivot about the axis (B) but also allowing said actuating element (41) to move with respect to said pressure element (42) in at least one other direction.

No. of Pages : 29 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.929/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM FOR HEATING GAS PRESSURE REGULATOR BY ENGINE EXHAUST GAS

(51) International classification :F23N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SATINDER PAL SINGH

(57) Abstract :
THIS INVENTION RELATES TO A SYSTEM FOR HEATING GAS PRESSURE REGULATOR BY ENGINE CXHAUST GAS COMPRISING OF A GAS STORAGE TANK SUPPLYING HIGH PRESSURE GAS TO PRESSURE REGULATOR, WHICH IS CONNECTED TO A FILTER FOR SUPPLYING LOW PRESSURE GAS TO ENGINE THROUGH A FUEL RAIL MOUNTED ON INTAKE MANIFOLD, WHEREIN THE ENGINE IS PROVIDEU WITH A VALVE TO SUPPLY EXHAUST GAS FOR HEATING SAID PRESSURE REGULATOR. IT IS ASSOCIATED WITH THE FOLLOWING ADVANTAGEOUS FEATURES:- - HELPS TO ACHIEVE STABLE AND SMOOTH RUNNING OF LPG ENGINE AT LOW TEMPERATURES TOO. DEDICATED LPG ENGINE WITH GOOD STARTABILITY AND PERFORMANCE EQUIVALENT TO PETROL AT LOW TEMPERATURES, CAN BE DEVELOPED.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8005/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VISUAL PAIRING IN AN INTERACTIVE DISPLAY SYSTEM

(51) International classification :G09G5/08
(31) Priority Document No :61/449305
(32) Priority Date :04/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027271
Filing Date :01/03/2012
(87) International Publication No :WO 2012/121969
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SOLOMON Yoram

(57) Abstract :
An interactive display system including a wireless pointing device including a camera or other image capture system. Pairing of the pointing device is performed by a computerized display system displaying a visual pairing code at its display for capture by the pointing device. The pairing code may be displayed in a form that is human readable human perceptible but not human readable or human imperceptible. In response to detecting the pairing code the pointing device transmits a wireless signal to the computerized display system including the pairing code. If the pairing code received by the display system matches that originally displayed the computerized display system authorizes the pointing device as a source of control signals in the graphical user interface manner. Various additional handshaking approaches in combination with the visual pairing procedure are disclosed.

No. of Pages : 45 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8006/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYNERGISTIC HERBICIDAL COMPOSITION CONTAINING PENOXSULAM AND PYROXSULAM

(51) International classification :A01N43/90
(31) Priority Document No :61/453202
(32) Priority Date :16/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029153
Filing Date :15/03/2012
(87) International Publication No :WO 2012/125779
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANN Richard K.

(57) Abstract :
A synergistic mixture of penoxsulam and pyroxsulam controls weeds in rice cereal and grain crops tree and vine crops pome stone and citrus crops pastures rangelands industrial vegetation management (IVM) and turf.

No. of Pages : 13 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8007/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BELT PLANETARY TRANSMISSION

(51) International classification :F16H7/02
(31) Priority Document No :13/048982
(32) Priority Date :16/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028174
Filing Date :08/03/2012
(87) International Publication No :WO 2012/125388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SERKH Alexander
2)SCHNEIDER Dean
3)ALI Imtiaz
4)WARD Peter

(57) Abstract :
A belt planetary transmission comprising a sun gear (1) having sun gear teeth (11) a ring gear (3) having ring gear teeth (31) a first toothed belt (4) trained between a first idler (50 and a second idler (51) the first idler and the second idler rotationally connected to a carrier (2) the first toothed belt (4) in simultaneous meshing contact with the ring gear teeth and the sun gear teeth a second toothed belt (40) trained between a third idler (401) and a fourth idler (402) the third idler and the fourth idler rotationally connected to the carrier the second toothed belt in simultaneous meshing contact with the ring gear teeth and the sun gear teeth each of the first idler second idler third idler and fourth idler having a center of rotation disposed at a radius (R) from a center of rotation (A A) and the first toothed belt and the second toothed belt are each in continuous meshing contact with the ring gear teeth and the sun. gear teeth through an angle (a) of approximately 90°.

No. of Pages : 24 No. of Claims : 8

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

(21) Application No.840/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BIODEGRADABLE, BIOCOMPATIBLE WOUND HEALING COMPOSITON

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

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1)KURUP, G. MURALEEDHARA
2)THOMAS SABU
3)RAUF, ARUN A.
4)SULAIMAN, MOHSIN

(57) Abstract :
The present invention provides a Biodegradable, Biocompatible wound healing composition. The further present invention also provides an ointment of biodegradable, biocompatible wound healing composition. The invention also provides of dressing material, bandage, a kit comprising an ointment and bandage or dressing material comprising Biodegradable, Biocompatible wound healing composition.

No. of Pages : 59 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.930/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN AERO MEMBER OF VEHICLE FOR IMPROVEMENT IN DRAG AND AESTHETICNESS

(51) International classification :B60R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ASHIT KUMAR AND FELIX REGIN

(57) Abstract :
This invention relates to an aero member of vehicle for improvement in drag and aestheticness comprising of a longitudinal member according to the front bumper profile of the vehicle having shorter length and height with more width. The length and height is shorter than air dam and is used in the vehicle where air dam cant be provided due to size, space and mounting constraints. Conventional air-dams have more length and height with very small width which reduces the entry of air in the underbody. Conventional air-dam reduces the drag by reduction in flow stagnation in the underbody region. The present invention is provided for balancing the underbody flow characteristics, which results in improvement in air flow across the heat exchangers. Further, styling appeal is enhanced as it can be made of chrome material. The addition of new aero part helps in attaining better flow distribution in the underbody. At the front end the velocity distribution changes significantly due to presence of new aero part. This slower velocity reduces the impact on the suspension parts and hence reduces the drag.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2013

(21) Application No.8039/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A MODULAR HEAT EXCHANGE APPARATUS FOR COMPRESSED GASES

(51) International classification :F28D7/00,F28D9/00,F28F9/00
(31) Priority Document No :PD2011A000076
(32) Priority Date :09/03/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/053675
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119960
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOTTAZZO Andrea

(57) Abstract :
A unit for the heat treatment of a process fluid comprises a plurality of devices for treatment of the process fluid and at least one union element. The union element has connecting ends respectively in the region of an inlet portion and an outlet portion. Each of the treatment devices comprises a respective housing in such a way as to render them structurally independent and has connecting ends in the region of respective portions of restricted cross section for the inlet and/or outlet of the process fluid the connecting ends of two treatment devices being connected to each other by means of respective connecting elements.

No. of Pages : 17 No. of Claims : 7

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

(21) Application No.912/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WATER BASED AIR DRYING EPOXY ESTER FOR COATING APPLICATIONS AND THE PROCESS FOR PREPARATION THEREOF.

(51) International classification :C09D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHILAMALA SURYANARAYANA
3)GURSWAMY GUNASEKARAN
4)SHAILESH KUMAR SINGH

(57) Abstract :
This invention discloses a method of preparation of water based epoxy ester based on unsaturated fatty acids. Epoxy esters were synthesized by reacting epoxy resin of Epoxy Equivalent Weight in the range 190-700 with unsaturated fatty acids such as LOFA, TOFA, DCOFA or SOFA which is essentially neutralized with phosphoric acid and which is further diluted with water to achieve desired viscosity.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.926/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD FOR DETERMINING CENTER OF GRAVITY OF VEHICEL SEAT

(51) International classification :G01J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NIRAJ KUMAR SINGH
2)AMIT SINGH

(57) Abstract :
This invention relates to a test jig for determining center of gravity of vehicle seat comprising of a pivot mounted with a frame having provision for mounting of vehicle seat on one side, on the other side of which a dead weight is provided for balancing weight of the seat. This invention also relates to a method for determining center of gravity of vehicle seat comprising steps of:- balancing a test jig, mounting the seat on the jig, balancing weight of the seat with a counter weight to determine centre of gravity of the seat.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.933/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL TELESCOPIC CRASH BOX FOR ABSORBING IMPACT ENERGY

(51) International classification :G02B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHINOJ NARAYAN NAIR
2)ABHINAV AGARWAL

(57) Abstract :
This invention relates to an novel telescopic crash box of vehicle for absorbing impact energy comprising of back plate connected to a pin and outer crash box, wherein the pin loaded with resilient material supports an inner crash box mounted on bumper beam of vehicle such that the inner crash box is telescopically movable within the outer crash box. The invention is associated with the following advantageous features:- - Polygonal shape for efficient energy absorption. - Cost effective in respect of manufacturing, maintenance and repairing cost. - Provision of crush initiators. - Simple assembly procedure. - Use of telescopic mechanism. - Reliable and efficient in operation.

No. of Pages : 12 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.942/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ERGONOMICALLY COMFORTABLE TELESCOPIC STAND

(51) International classification :F16S
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ASHUTOSH KUMAR AGARWAL
(72)**Name of Inventor :**
1)S. K. ATREYA
2)NAVEEN RAMPAL
3)ASHUTOSH KUMAR AGARWAL

(57) Abstract :
Discloses an ergonomic stand for laptop, desktop computer or other display device wherein there are three platforms. First platform may be used for a purpose to keep laptop, desktop computer monitor or any other display device. Second platform may be used to keep keyboard and mouse or input devices. Third platform works as a base platform & provides stability to the whole stand. It may be used to keep CPU or may work as footrest. First or second platform may be adjusted with respect to base (third) platform which provides a flexibility to maintain correct ergonomic posture while working. According to the invention the laptop or display unit may be adjusted at the eye level using ergonomic theory. Keyboard, mouse or input devices may also be adjusted at different levels to maintain correct ergonomic posture.

No. of Pages : 7 No. of Claims : 10

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

(21) Application No.807/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUBSTITUTED FLUOROANTHENE-7-CARBONITRILES/ESTERS AS FLUORESCENT DYES FOR CELL IMAGING APPLICATIONS

(51) International classification :C09B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHARMA ASHUTOSH
3)MITRA KALYAN
4)BHATTACHARJEE ARINDAM
5)KATHURIA MANOJ

(57) Abstract :
The present invention relates to novel donor-acceptor fluoranthenes of the general formula I which can be used potentially in developing fluorescent probes, and a process of preparing said novel compounds. More particularly, the present invention relates to amine or alkoxy group as donor and nitrile group as an acceptor attached to the fluoranthene skeleton, processes for preparing the said compounds and their uses as fluorescent probes in chemical and biological sciences such as cell imaging applications, diagnostics, fluorescent tags and other useful applications. The compounds are prepared by reacting 2H-pyran-2-ones in isolated or rigid conformations with cyclic ketones containing methylene carbonyl moiety in the presence of a base in an organic solvent.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.931/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL MUFFLER FOR REDUCING NOISE OF A VEHICLE

(51) International classification :B07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UTTAM KUMAR MISHRA
2)KISHORE KUMAR PRADHAN

(57) Abstract :
This invention relates to a novel muffler for reducing noise of a vehicle comprising of atleast one baffle plate provided between end plates, which is movable towards or away from the end plates by means of exhaust gases, wherein a resilient material is provided between the baffle plate and end plate to keep the baffle in suitable position for working in engine idling.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.935/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL CLUTCH COVER ASSEMBLY OF A DIAPHAGM. SPRING CLUTCH FOR REDUCING THE CLUTCH PEDAL EFFORT

(51) International classification :F16D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PUNEET KOHLI
2)RAJESH VATS
3)VIKAS RAWLA

(57) Abstract :
This invention relates to novel clutch cover assembly of a Diaphragm Spring Clutch for reducing the clutch pedal effort comprising a helical compression spring provided between clutch cover and pressure plate, wherein said spring clongates so as to provide force against the clamp load and release load. Thc cluch pedal load is reduced for the working range of clutch disc at a resonable cost. The reduction in the clutch pedal effort takes place within the acceptable limits throughout the normal operating life of the clutch.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.947/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF MANUFACTURING PISTON RING FOR DIE CASTING APPARATUS AND PISTON RING MANUFACTURED BY THE SAME

(51) International classification :F16J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LEE, JANG HEE

(57) Abstract :
The present invention relates to a method of manufacturing a piston ring for a die casting apparatus. A method of manufacturing a piston ring mounted on an outer peripheral surface of a piston of a die casting apparatus, which includes step SI of melting a certain amount of ferroalloy; step S2 of supplying the ferroalloy molten through the melting step into a cavity of a centrifugal casting mold and simultaneously bringing the molten metal into close contact with an inner peripheral surface of the cavity by rotating the centrifugal casting mold at a predetermined rotational speed (rpm), thereby performing 10 centrifugal casting; step S3 of annealing a semi-finished piston ring centrifugally cast in the cavity of the centrifugal casting mold; step S4 of cutting the semi-finished piston ring into a piston ring having a complete product size and rough grinding inner and outer diameters of the cut piston ring; step S5 of heat treating the piston ring; step S6 of finish grinding the inner and outer diameters and side surfaces of the piston ring; step S8 of 15 forming the piston ring with an incision to be oblique at a predetermined angle or with incisions having a U shape and an inverse U shape through wire cutting; and step S9 of performing a deburring process on the piston ring through barrel finishing.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2013

(21) Application No.8040/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD TO IDENTIFY THE ORIGIN OF A SECURITY MODULE IN PAY TV DECODER SYSTEM

(51) International classification :H04N21/266,H04N21/418,H04N21/4623
(31) Priority Document No :61/475754
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/055938
Filing Date :02/04/2012
(87) International Publication No :WO 2012/139913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KUDELSKI Henri

(57) Abstract :
This invention proposes a solution to identify the origin of a security module in pay ty system according to the steps of : receiving by the pay tv decoder system a service comprising at least a first stream a second stream and a control word stream said first stream being encrypted by a first control word (CW1) and said second stream being encrypted by a second stream (CW2) extracting from the control word stream entitlement messages containing at least one main control word (CW) allowing to retrieve the first and the second control words and access conditions transferring the control word stream to the security module extracting the entitlement messages from the control word stream and checking the access conditions if the access conditions are met determining the first and second control words from the main control word in the entitlement message determining an internal parameter of the security module this internal parameter being unique per security module selecting a current control word from the first or the second control word based on part of the internal parameter corresponding to the first or the second stream transmitting the current control word to the pay tv decoder selecting a current stream from the first or the second stream in accordance with the selection of the first or the second control word decrypting the current stream with the current control word.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.927/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN EQUIPMENT FOR AUTOMATIC APPLICATION OF GREASE IN A TORSION BEAM

(51) International classification :F16P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)V. RAGHAVENDRA
2)MATHAD SOMASHEKHAR G

(57) Abstract :
This invention relates to an equipment for automatic application of grease in a torsion beam comprising of a grease holder with a switch for spraying grease on the beam for a fixed duration of time by means of a pneumatic cylinder. With the help of the present invention optimum grease consumption is achieved.

No. of Pages : 13 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.943/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOW PROFILE HEAT SINK WITH ATTACHED LED LIGHT SOURCE

(51) International classification :G12B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An LED light source with an attached heat sink includes larger fins, smaller fins, a mQunting platform and light emitting diodes attached to the mountin.g platform. The larger fins are oriented parallel to the smaller fins. The larger fins are integrally formed with a first base, and the smaller fins are integrally formed with -a second base. The bottom surface of -the second base contacts the larger fins, which are more than twice as tall as the smaller fins. There are more than twice as many smaller fins than larger fins per distance perpendicular to the fins. Ducts are formed between the larger fins and the bottom surface of the second base. Intake holes pass through the first base into each duct near the end of the duct that is blocked by an end wall. The mounting platform with the LEDs is attached to the bottom of the first base.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.979/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RONGO REAPING MACHINE

(51) International classification :F25J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)SANDEEP DHAKA
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7)BALBIA
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(72)**Name of Inventor :**
1)SUJEET KUMAR

(57) Abstract :
In this paper we are presenting the method to solve the problem of lack of skilled labor and machine for reaping of crops. We produce a semi-automatic manual mechanical device which will be used for reaping of crops. This machine named Rongo Reaper (Rongo means continuity in the tribal language of Jharkhand, India). This machine is assembly of some existing mechanism and some mechanism developed by us, such as metallic body , bevel gear mechanism, set of small wheel, wheel axle, cylindrical metallic rod, four pedestal bearing, stationary blade frame , crank mechanism designed our self, connecting rod and metallic cutting blade. The detailed diagram of Rongo Reaper is shown in next section. The set of wheel are connected to each other with the help of wheel axle. A crown is mounted on the wheel axle parallel to the wheel and perpendicular to the axis of wheel axle. This wheel and crown assembly is mounted on the metallic structure. Wheel shaft is mounted on structure with the help of set of pedestal bearing. Now another cylindrical shaft is taken and on its one end pinion is mounted and on the other side crank is mounted. This shaft is positioned in such a way, so that it is parallel to the structure surface and perpendicular to the crown gear. The second cylindrical shaft fixed on structure with the help of two pedestal bearing. The arrangement is shown in the assembly diagram. After that blade frame is mounted on the structure with the help of rivets and cutting blade is inserted in the frame. The blade frame is designed in such a way, so that blade easily reciprocates inside frame without interruption. At the final stage of assembling the crank and blades one end is connected with the help of connecting rod and fastening device such as nutbolts. Like this the Rongo Reaper is assembled. The assembly diagram is shown in next section. Keywords; New designed crank,Crown, Pinion, Rongo, Pedestal bearing, Wheel axle, Connecting rod.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8030/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INFORMATION TRANSMISSION SYSTEM

(51) International classification	:H04M11/04,G08B25/04,G08B25/10
(31) Priority Document No	:2011084986
(32) Priority Date	:07/04/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/002261 :02/04/2012
(87) International Publication No	:WO 2012/137458
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)UENO Kenji

(57) Abstract :
To provide an information transmission system capable of easily transmitting information regarding safety even if the communication conditions are poor. [Solution] An information transmission system is provided with a message generation unit for generating a first message which comprises specific information having information relating to location and which is transmitted to a mobile phone. The system is provided with a database which is used for creating the first message and comprises location information of each mobile phone and safety information of each user of the mobile phone. The first message comprises two or more hyperlinks to be used for sending a reply regarding the state of safety of the user of the mobile phone to which the message is transmitted. Each URL information associated with the hyperlink includes different parameters in accordance with types of replies regarding safety of the user of the mobile phone. On the basis of the reply regarding safety performed using ether one of the two or more hyperlinks the safety information in the database is updated.

No. of Pages : 55 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8032/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIRELESS POWER LIGHT AND AUTOMATION CONTROL

(51) International classification :H04L12/28,H04L12/12,H02J13/00
(31) Priority Document No :61/443714
(32) Priority Date :16/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2011/001666
Filing Date :29/12/2011
(87) International Publication No :WO 2012/109696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DAVIS Benjamin
3)DAVIS Matthew

(57) Abstract :
A power control unit and method of use thereof for varying the supply of electricity to an electrical apparatus using a peer to peer wireless communications link between a controller and the power control unit. The communications link may be established using Wi Fi Direct or Bluetooth communications technology.

No. of Pages : 67 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8033/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POLYIMIDE GAS SEPARATION MEMBRANES

(51) International classification :B01D71/64,B01D61/02,C02F1/44
(31) Priority Document No :61/498107
(32) Priority Date :17/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040057
Filing Date :31/05/2012
(87) International Publication No :WO 2012/173776
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOWEN Travis C.
3)HARBERT Emily G.
4)MINKOV Raisa
5)FAHEEM Syed A.
6)OSMAN Zara

(57) Abstract :
The present invention discloses a new type of polyimide membrane with high permeances and high selectivities for gas separations and particularly for CO/CH and H/CH separations. The polyimide membranes have CO permeability of 50 Barrers or higher and single gas selectivity for CO/CH of 15 or higher at 50°C under 791 kPa for CO/CH separation. The polyimide membranes have UV cross linkable functional groups and can be used for the preparation of UV cross linked polyimide membranes having CO permeability of 20 Barrers or higher and single gas selectivity for CO/CH of 35 or higher at 50°C under 791 kPa for CO/CH separation.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2013

(21) Application No.8034/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTROL DEVICE FOR A POWDER SPRAY COATING DEVICE

(51) International classification :B05B5/03,B05B5/10,B05B12/00
(31) Priority Document No :10 2011 004 024.2
(32) Priority Date :14/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/US2012/024943
Filing Date :14/02/2012
(87) International Publication No :WO 2012/161762
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MAUCHLE Felix
2)VASELLA Mario

(57) Abstract :
A control device (100) for a powder spray coating device (200) and a powder spray coating device (200) are specified. With the aim of ensuring operational reliability during the coating operation of the powder spray coating device (200) while at the same time preserving the required coating efficiency the solution according to the invention provides for the control device (100) an assessment device (10) an enabling device (20) and a first communication interface (30) the assessment device (10) being designed for assessing on the basis of at least one code received from the powder spray coating device (200) by means of the first communication interface (30) whether or not reliable operation of the powder spray coating device (200) is ensured and passing on the assessment result to the enabling device (20) the enabling device (20) being designed in turn for enabling operation if the assessment result is positive.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.981/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GROUND REPLAY EQUIPMENT OF SOLID STATE FLIGHT DATA RECORDER OF JAGUAR MK II & MIG27 UPG

(51) International classification :G21C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)A.C. MANI
2)PANKAJ YADAV
3)ANKIT SINGH

(57) Abstract :
The Ground Replay Equipment (GRE) is a laptop based Ground Handling System which is capable of retrieving Aircraft & Audio Data as recorded in Data Retrieval Unit(DRU) through Ethernet interface. Speed of replayed data is at least 25 times of AIc data recording time for both SSFDR of JAGUAR and MiG27 and 10 times of Audio (for JAGUAR MK II only) recording time. The replay is done based on Sortie count stored in DRU. The recorded raw data extracted from DRU is then processed by GRE in prescribed format which will be stored in laptop for post flight data analysis. The analysis of Aircraft data is done either in graphical or tabular mode with the help of GRE software. It also replays the audio data stored in DRU in synchronization with parameter data (for Jaguar MKII). GRE software provides a user-friendly interface to select the parameters for analysis, scales the data into the required format and saves in the hard disk or prints on a printer. The GRE system has been designed and developed on GUI based system software platform with Visual C++ programming language. Using capabilities of programming language and code of practice of C++ the Ground Replay Equipment Software has been developed to meet the user requirements. The major requirements are to analyze aircraft and audio(for Jaguar MKll) data as recorded in the DRU. This analysis shall be capable enough for health monitoring of the aircraft as well as fault diagnosis. The analysis would be both in Tabular and Graphical display format.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.818/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WATER INJECTOR

(51) International classification :B63J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ARUP SARKAR

(57) Abstract :
The water injector can be fitted in aircraft air conditioning system where pre-cooling of air-conditioning air is required. It uses the water so collected by the air conditioning system and it pumps the water & prepares a perfect mixture with air and then sprays on heat exchanger for providing extra cooling.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.829/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ALTITUDE ENCODER

(51) International classification :G06C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UMAKANT

(57) Abstract :
This Unit provides coded output corresponding to aircraft altitude and is used for Automatic altitude Reporting to Aircraft Traffic controllers in conjunction with Identification Friend & Foe transponder (IFF). The output of the pressure transducer is converted to 12 bit binary output through A/D converter. This output is used to address an Erasable Programmable Read Only Memory (ERPOM) through Buffers and Latches. The Gilham code for each address (hence for each altitude) is already stored in the memory of ERPOM. Therefore, corresponding to each address there is a unique code which is outputted through level translators to feed the IFF transponder for automatic altitude reporting to Ground controlling tower for air traffic control.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.928/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EXPANSION HOSE FOR REDUCTION IN THE PUMP PRESSURE AND VOLUME FLUCTUATION

(51) International classification :F04F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TARIQ SYED MOHAMMAD

(57) Abstract :
This invention relates to expansion hose for reduction in the pump pressure and volume fluctuation comprising of outer hose accommodating inner hose provided with an expansion slot at one end and a throttle at other end with a helical spring. The invention is associated with the following advantageous features :- - Reduction in travel of compression wave - Expansion of the fluid with low pressure drop - Reduction in Hydraulic Pressure Pulsations - Reduction of bubbles / Cavitations - Increase in the life of components - Elimination of pulsation dampener - Reduction in the Noise - Acts as flexible element - Can be used for high performance applications.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.827/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CAPSULE BLOCK OF JAGUAR AIRCRAFT

(51) International classification :F16P
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UMAKANT

(57) Abstract :
The Capsule Block is part of AJAX Artificial System of Jaguar Aircraft. It provides continuous electrical outputs proportional to static and dynamic pressure of Pitot - static system as a measure of aircraft altitude and speed. It replaces conventional mechanical system (having metallic capsules & linkages) with solid state technology. The unit consists of state-of-the-art piezo-resistive absolute and differential pressure transducers to give electrical outputs proportional to static and dynamic pressure of pitot-static system as a measure of aircraft altitude and speed. Each of these transducer is duplicated for reliability purposes and can be used as additional input for further processing. Pressure changes with change in altitude and differential pressure changes with aircraft speed. Solid state absolute and differential type of pressure transducers are therefore used to give analog output voltages corresponding to a particular altitude and speed of aircraft. These analog voltages are further processed with an electronic circuitry using very high reliability components to make them compatible with Ajax Artificial Feel System of the aircraft.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7985/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CAPACITY ALLOCATION IN COMMUNICATIONS

(51) International classification :H04W28/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/055084
Filing Date :01/04/2011
(87) International Publication No :WO 2012/130324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUONVIERI Jukka Pekka

(57) Abstract :
A capacity allocation method comprises receiving (303) in a network apparatus (101) a capacity request message regarding a user terminal (102). In response to receiving the capacity request message the apparatus (101) checks (303) one or more service parameters related to the user terminal (102). If the checking (303) reveals that enhanced network service activation criteria are fulfilled the service parameters are used to define (303) by using a suitable network algorithm a temporarily enhanced network service for the user terminal (102) such that the temporarily enhanced network service exceeds the service level originally agreed for the user terminal (102).

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7986/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CELL SELECTION DEPENDING ON MBMS CAPABILITY

(51) International classification :H04W36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/055827
Filing Date :13/04/2011
(87) International Publication No :WO 2012/139639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KOSKELA Jarkko T.
3)KOSKINEN Henri Markus
4)PEKONEN Johanna Katariina
5)HWANG Woonhee

(57) Abstract :
A method of mobility management in a cellular system comprises determining from a first received indication that at least one communication device intends to receive a multimedia broadcast multicast service or is receiving a multimedia broadcast multicast service. The information is sent to the at least one communication device relating to at least one multimedia broadcast multicast service capable cell. The method further comprises receiving from the at least one communication device a report comprising measurement information of the at least one multimedia broadcast multicast service capable cell. The method finally comprises initiating selecting at least one cell on at least one carrier for the at least one communication device the at least one carrier comprising one or more cells capable of providing a multimedia broadcast multicast service.

No. of Pages : 54 No. of Claims : 61

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7987/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR GAS PURIFICATION WITH FIRST DIRECT ABSORPTION STEP AND SECOND ABSORPTION STEP BY MEANS OF MEMBRANE CONTACTOR

(51) International classification :B01D53/14,B01D53/22,C10L3/10
(31) Priority Document No :61/453145
(32) Priority Date :16/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/054665
Filing Date :16/03/2012
(87) International Publication No :WO 2012/123571
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHAH Kamal C.
2)NˇKLEBY Pl Helge
3)VINGELVEN Geir

(57) Abstract :
Method for purification of a pressurized gas stream comprising acidic gases wherein the method comprises in a first absorption step bringing the pressurized gas stream in direct contact with a first absorption solution absorbing at least part of the acidic gases obtaining a gas liquid mixture separating the gas liquid mixture in a partly purified pressurized gas stream and a first rich absorption solution in a second downstream absorption step bringing the partly purified pressurized gas in contact with a second absorption solution through a membrane contactor obtaining a second rich absorption solution and a purified pressurized gas stream and wherein the first absorption solution is a partially lean absorption solution.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7988/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RUBBER COMPOSITION AND TIRE

(51) International classification :C08L21/00,B60C1/00,C08K3/04
(31) Priority Document No :2011070457
(32) Priority Date :28/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/001470
Filing Date :02/03/2012
(87) International Publication No :WO 2012/132235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FUJISAWA Hidetada

(57) Abstract :
The present invention provides a rubber composition for tire treads that is capable of producing tire treads wherein abrasion resistance rolling resistance factory workability and chipping resistance have been simultaneously improved and a pneumatic tire manufactured using same. This rubber composition is characterized in being obtained by blending 20 parts by mass 100 parts by mass of carbon black with respect to 100 parts by mass of a rubber component and the carbon black having a CTAB surface area of 60 m/g 105 m/g a 24M4DBP oil absorption of 70 cm/100 g 105 cm/100g a NSA/IA of 0.95 or less and satisfying Expression (1). TINT(%) + 0.4—24M4DBP oil absorption (cm/100 g) 0.5—CTAB surface area (m/g) > 106 (1)

No. of Pages : 19 No. of Claims : 4

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

(21) Application No.803/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMPROVED PROCESS FOR SYNTHESIS OF OLOPATADINE

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

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1)SUBHASH PRATAPRAO CHAVAN
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(57) Abstract :
The present invention provides a process for the synthesis of olopatadine. Further, the invention discloses a process that results in improved yield of the desired Z isomer.

No. of Pages : 15 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.941/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CNG PRESSURE GAUGE INTEGRATED REGULATOR OF VEHICLE

(51) International classification :B60R
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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(57) Abstract :
This invention relates to novel CNG fuel system of vehicle comprising of CNG pressure gauge directly mounted on regulator, which is connected with CNG fuel tank by means of a high pressure pipe. It is associated with the following advantageous features: - - CNG high pressure pipes are removed from circuit hence chances of damage and leakage during crash are avoided. Compact. - Gauge and connector is assembled offline so it is very easy to assemble the integrated assembly online. As assembly leakage is checked offline, therefore online leakage checking is reduced.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2013

(21) Application No.7989/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELEVATOR BRAKE HAVING A BRAKE RELEASE FEATURE

(51) International classification :B66B5/24,B66B5/22,B66B11/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/032983
Filing Date :19/04/2011
(87) International Publication No :WO 2012/144988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)WEI Wei

(57) Abstract :
An exemplary braking device for an elevator car includes a first brake member configured to remain fixed relative to an elevator car for applying a braking force to a first side of an element such as a guide rail. A second brake member is moveable relative to the first brake member for applying a braking force to a second side of the element. A brake release member adjacent the first brake member is received against the first side of the element between the first brake member and the first side of the guide rail. The brake release member is moveable relative to the first brake member for selectively releasing the braking device from engagement with the element.

No. of Pages : 23 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.948/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR PREPARATION OF MICROWAVE ABSORBING METAL-SPINEL FERRITE PARTICLES, PARTICLES THUS OBTAINED, THEIR APPLICATIONS IN BROADBAND RADAR ABSORBING RUBBER SHEET AND PREPARATION THEREOF

(51) International classification	:F16S
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)SAINI, LOKESH
3)JANI, RAJ KUMAR
4)NEGI, SURESH CHANDRA
5)VADERA, SAMPAT RAJ
6)KUMAR, NARENDRA

(57) Abstract :
The present disclosure provides a process for preparation of microwave absorbing metal-spinel ferrite particles, said process comprising: mixing solution of ferric chloride and a metal chloride in an stoichiometric ratio to obtain a hydrated gel; adding solution of sodium carbonate to the hydrated gel to obtain a composite powder; heating the composite powder to obtain an ultra-fine spinel ferrite; heating the ultra-fine spinel ferrite to obtain sub-micron size particles; and heating the sub-micron size particles. The present disclosure also provides a microwave absorbing metal-spinel ferrite particles having size <_ 5um. The present disclosure further provides a broadband radar absorbing rubber sheet comprising: a rubber matrix; a microwave absorbing metal spinel ferrite particles; and additives. The present disclosure also provides a process for preparing a broadradar absorbing rubber sheet comprising: mixing microwave absorbing metal-spinel ferrite particles, rubber matrix and additives to obtain a composite mixture; and compressing the composite mixture.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.959/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ONE-WAY CLUTCH ASSEMBLY WITH SPRING CAGE

(51) International classification :F16D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SINGH ABHISHEK

(57) Abstract :
A one way clutch assembly (100) comprising a pair of annular-shaped, relatively rotatable members, wherein an outer (20) of the relatively rotatable members has a cam profiled inner circumferential surface, an inner (10) spaced apart from said outer in a radial inner direction and disposed coaxially with said outer and having an outer circumferential surface; a cage element (40) having pockets (45) provided between said outer circumferential surface of the inner and said inner circumferential surface of the outer; a plurality of rolling elements (30), each disposed within a corresponding groove, each rolling element touching the inner circumferential surface of the outer and said outer circumferential surface of the inner, wherein each of the plurality of rolling elements is attached to a spring element (42) formed integrally with the cage element.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.7919/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FIXED CYLINDER HEAD ENGINE WITH ADDED IN BEARINGS

(51) International classification :B23P15/00,F02F1/00,F02F7/00
(31) Priority Document No :1153463
(32) Priority Date :21/04/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050719
Filing Date :03/04/2012
(87) International Publication No :WO 2012/143639
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BAUDLOT Fran§ois
2)JUSTET Frdric
3)COMA Gilles

(57) Abstract :
Method of manufacturing a fixed cylinder head internal combustion engine (1) comprising at least one cylinder (10) involving the following steps: a) creating a casting that will form the fixed cylinder head engine comprising a crank case (14) and at least one cylindrical chamber (11) of base surface area s and height h opening at a bottom end into the crank case; b) creating a liner (20) in the form of a cylindrical tube the diameter of which is less than or equal to the diameter of the cylindrical chamber (11); c) fitting said liner (20) via the crank case into the cylindrical chamber (11); d) creating a bearing (16) and a bearing cap (17) for supporting a crank shaft (15) comprising at least two holes for the passage of fixing screws for said bearing and said bearing cap characterized in that said bearing (16) is added on to the roof of the wall of the crank case (14) and in that at least one portion of said bearing is situated below the base surface of the cylindrical chamber (11).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7737/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TOE GUARD ASSEMBLY FOR AN ELEVATOR SYSTEM

(51) International classification :B66B5/28,B66B11/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2011/001504
Filing Date :05/04/2011
(87) International Publication No :WO 2012/137032
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)URQUIJO Antonio de Miguel

(57) Abstract :
An exemplary elevator assembly includes an elevator car having a frame member. At least one toe guard panel is moveable between a first position and a second position. In the first position the toe guard panel is situated to provide a vertical surface beneath the elevator car and the toe guard panel has an end spaced a first distance from the elevator car. In the second position the toe guard panel is situated with a second shorter distance between the end and the elevator car. A moving mechanism coupled with the toe guard panel selectively moves the toe guard panel from the first position into the second position. An instigator member situated in a selected vertical position interacts with the moving mechanism to begin movement of the toe guard panel from the first position when the frame member of the elevator car is approximately at the selected vertical position.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7738/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COATED ROPE OR BELT FOR ELEVATOR SYSTEMS

(51) International classification :B66B7/06,D07B1/06,D07B1/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/032505
Filing Date :14/04/2011
(87) International Publication No :WO 2012/141710
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHANG Huan
3)KRISHNAN Gopal R.
4)DEVALVE Timothy D.

(57) Abstract :
Elevator coated ropes or belts are disclosed. The coated rope or belt may include at least one cord and a jacket retaining the at least one cord. The cord may include a plurality of filaments. The filaments are free of second order helical structure. In a first embodiment the filaments includes at least one inner filament and a plurality of outer filaments surrounding the at least one inner filament. The outer filaments are bunched together by forming a first order helical structure through the length of the cord. In a second general embodiment the filaments are free of both first and second order helical structures. The filaments are bunched together by a restraining loop or adhesive at one or more locations along the length of the cord. Methods of making the tension cord are also disclosed.

No. of Pages : 28 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7739/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELEVATOR SYSTEM INCLUDING A 4:1 ROPING ARRANGEMENT

(51) International classification :B66B11/08,B66B7/06,B66B11/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/031420
Filing Date :06/04/2011
(87) International Publication No :WO 2012/138335
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)YAPAR Cemal Selcuk

(57) Abstract :
An exemplary elevator system includes an elevator car. A plurality of belts are situated relative to the elevator car such that movement of the belts for causing movement of the elevator car is approximately four times a corresponding movement of the elevator car. First second third and fourth sheaves are supported for vertical movement with the elevator car and rotational movement relative to the elevator car. Each belt has a portion extending across the elevator car between the first and second sheaves that is vertically aligned with another portion of the same belt extending across the elevator car between the third and fourth sheaves.

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7740/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NORMAL TYPE COMBINE

(51) International classification :A01F12/00
(31) Priority Document No :2011027204
(32) Priority Date :10/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052585
Filing Date :06/02/2012
(87) International Publication No :WO 2012/108370
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHIMAOKA Toshiyuki
3)MIZUHATA Tatsuya
4)MORIKAWA Yutaka
5)YAO Yong
6)IMADA Kouichi
7)MIZOBUCHI Norio

(57) Abstract :
An object of the invention is to make a transverse side plate 122 easily operable to be opened and closed for exposing an inner portion of a threshing device 9, in a conventional combine harvester. The conventional combine harvester of the invention is provided with a reaping device 3 which has a reaping blade 15, and the threshing device 9 which has a threshing cylinder 21 and a receiving net 24, and supplies reaped grain culms from the reaping device 3 to the threshing device 9 via a feeder house 11 and a beater 18. A grain tank 6 is arranged in laterally one side of the threshing device 9, the transverse side plate 122 rotatably opened and closed around a vertical axis 125 is provided in laterally the other side portion of the threshing device 9, and the threshing cylinder 21 and the receiving net 24 within the threshing device 9 are exposed on the basis of an opening rotation of the transverse side plate 122.

No. of Pages : 115 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.940/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REAR BUMPER INTEGRATED MUD FLAP OF A VEHICLE

(51) International classification :B60G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)RAVI KIRAN CHENI

(57) Abstract :
This invention relates to novel rear bumper of vehicle for serving the purpose of mud flap comprising of rear bumper integrated with mud flap of vehicle, which is connected to rear fender lining provided in proximity to the rear tire. It is associated with the following advantageous features:- - Decrease in no. of child parts (mud flap & fasteners). - Elimination of a separate tool required for mud flap. - Reduction in cost associated with tool making. - Reduction in inventory cost. - Reduction in assembly time.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7741/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STANDARD COMBINE HARVESTER

(51) International classification :A01F12/60,A01D67/00
(31) Priority Document No :2011029938
(32) Priority Date :15/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/079224
Filing Date :16/12/2011
(87) International Publication No :WO 2012/111233
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KUSACHI Kanta
2)SHIMAOKA Toshiyuki
3)MIZUHATA Tatsuya
4)MORIKAWA Yutaka
5)YONG Yao

(57) Abstract :
In a conventional combine harvester, a threshing device 9 and a grain tank 6 are arranged with a good lateral balance in a state in which the capacity of the grain tank 6 is sufficiently secured while suppressing a total height. The conventional combine harvester of the invention is provided with a travehng machine body 1 which mounts an engine 7 serving as a power source, a reaping device 3 which has a reaping blade 15, the threshing device 9 which has a threshing cylinder 21, and the grain tank 6 which reserves threshed grains. An engine room frame 153 surrounding the engine 7 is provided in one side of a rear portion of the threshing device 9 in the travehng machine body 1. The grain tank 6 is supported from the below by a step frame 151 which supports an operating portion 5 in a front portion of the traveling machine body 1 and the engine room frame 153. A part of the grain tank 6 is lapped over the above of the threshing device 9.

No. of Pages : 84 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7742/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NORMAL TYPE COMBINE

(51) International classification :A01F12/22
(31) Priority Document No :2011027205
(32) Priority Date :10/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052851
Filing Date :08/02/2012
(87) International Publication No :WO 2012/108459
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KUSACHI Kanta
2)YAO Yong
3)SHIMAOKA Toshiyuki

(57) Abstract :
An object of the invention is to achieve compatibility between a cost reduction on the basis of a structure simplification and an improvement of a threshing efficiency. A conventional combine harvester of the invention is provided with a reaping device 3 having a reaping blade 15, and a threshing device 9 having a threshing cylinder 21, and is structured such as to supply reaped grain culms from the reaping device 3 to the threshing device 9 via a feeder house 11. The threshing cylinder 21 has a plurality of bone frames 145 extending in parallel to a threshing cylinder shaft 20, being arranged in a peripheral direction of the threshing cylinder 21 and having a polygonal cross-sectional shape, and a lot of rod shaped threshing teeth 146 which are provided in the bone fi-ame 145 so as to protrude outward. Each of the bone frames 145 is supported to the threshing cylinder shaft 20 via a support body 140.

No. of Pages : 110 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7743/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STANDARD COMBINE

(51) International classification :A01D41/12
(31) Priority Document No :2011029939
(32) Priority Date :15/02/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/078388
Filing Date :08/12/2011
(87) International Publication No :WO 2012/111219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A conventional combine harvester of the invention is provided with a traveling machine body 1 which mounts an engine 7 serving as a power source, a reaping device 3 which has a reaping blade 15, and a threshing device 9 which has a threshing cylinder 21. The engine 7 is arranged in one side of a rear portion of the threshing device 9 in the traveling machine body 1, and a radiator 172 for water cooling the engine and a cooling fan 170 for air cooling the engine 7 and the radiator 172 are arranged in a front side of the engine 7. A cooling air path of the engine 7 is formed by a cover duct body 173 which covers an area from the other side in an opposite side to the threshing device 9 in the engine 7 to a front side of the radiator 172 and the cooling fan 170.

No. of Pages : 84 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7744/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BRAKING SYSTEM AND METHOD FOR OPERATING A BRAKING SYSTEM FOR A VEHICLE

(51) International classification :B60T8/40,B60T8/24
(31) Priority Document No :10 2011 005 822.2
(32) Priority Date :21/03/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/051366
Filing Date :27/01/2012
(87) International Publication No :WO 2012/126652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KUNZ Michael
2)STRENGERT Stefan

(57) Abstract :
The present invention relates to a braking system for a vehicle having at least one first braking circuit (14) having a cutoff valve (22) connected to the master brake cylinder (10) such that brake medium displacement out of a master brake cylinder (10) and into a first wheel brake cylinder (16a) and into a second wheel brake cylinder (16b) can be prevented by means of closing the cutoff valve (22), wherein a brake medium volume can be pumped by means of a first pump from a brake medium reservoir (12) into the first wheel brake cylinder (16a) and the second wheel brake cylinder (16b), and wherein a brake medium delivery out of the brake medium reservoir (12) into both the first wheel brake cyhnder (16a) and the second wheel brake cylinder (16b) is prevented by means of closing a pump control valve (32; 100), despite driving the first pump (28). The invention further relates to a method for operating a braking system for a vehicle, having a pump control valve and a pump (28) driven jointly with a further vehicle component (58).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7771/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR ALKYLATING BENZENE

(51) International classification :C07C2/64,C07C15/04,C07C15/073
(31) Priority Document No :13/105680
(32) Priority Date :11/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036275
Filing Date :03/05/2012
(87) International Publication No :WO 2012/154487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HAIZMANN Robert

(57) Abstract :
One exemplary embodiment can be a process for alkylating benzene. The process can include obtaining at least a portion of a stream from a transalkylation zone combining the at least the portion of the stream from the transalkylation zone with a fuel gas stream and providing at least a portion of the combined stream to a benzene methylation zone. Typically the fuel gas stream includes an effective amount of one or more alkanes for alkylating at least partially from a hydrogen purification process tail gas.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7772/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS AND APPARATUS FOR HYDROPROCESSING HYDROCARBONS

(51) International classification :C10G65/02,C10L1/08
(31) Priority Document No :61/487012
(32) Priority Date :17/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029429
Filing Date :16/03/2012
(87) International Publication No :WO 2012/158251
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WIEBER Andrew P.
2)DA SILVA FERREIRA ALVES Joao J.

(57) Abstract :
An apparatus and process is disclosed for hydroprocessing hydrocarbon feed in a hydroprocessing unit and hydrotreating a second hydrocarbon. A warm separator sends vaporous hydrotreating effluent to be flashed with liquid hydroprocessing effluent to produce a vapor flash overhead that can be recycled to the hydrotreating unit to provide hydrogen requirements.

No. of Pages : 29 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7773/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GEARBOX LUBRICATION

(51) International classification :B64C27/14
(31) Priority Document No :1102763.8
(32) Priority Date :17/02/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050350
Filing Date :16/02/2012
(87) International Publication No :WO 2012/110820
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NEWBERRY Paul Terrence

(57) Abstract :
A helicopter tail rotor gearbox including a housing an output shaft for connection to a tail rotor rotatably supported in the housing and having an open end therein an input member rotatably supported in the housing gearing providing a power transmitting connection between the input member and output shaft a pitch control shaft for effecting a change in the pitch of the tail rotor the pitch control shaft being disposed at least partially within the output shaft rotatable therewith and movable relative thereto along the rotational axis of the output shaft an actuating member for effecting axial movement of the pitch control shaft the actuating member being movable axially of the output shaft but held against rotation therewith and a bearing assembly positioned in between the pitch control shaft and the actuating member for permitting relative rotation therebetween wherein the gearbox includes at least one formation for diverting oil dispersed within the housing in use towards the open end of the output shaft.

No. of Pages : 20 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.977/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMPROVED PROCESS FOR THE PURIFICATION OF LORATADINE INTERMEDIATE 11-(N-METHYL-4-PIPERIDINYLIDINE) -8- CHLORO-6, 11-DIHYDRO -5H-BENZO (5,6) CYCLOHEPTA (1,2-B) PYRIDINE FOR THE REMOVAL OF IMPURITY 11-(N-METHYL-4- PEPERIDINYL)-11-FLUORO-8-CHLORO-6, 11-DIHYDRO-5H-BENZO (5,6) CYCLOHEPTA (1,2-B) PYRIDINE

(51) International classification :G21C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)MADAN PAL TANWAR
3)GIAN CHAND VERMA
4)KRISHAN SINGH VERMA

(57) Abstract :
The present invention relates to the improved processes for the purification of Loratadine intermediate 1 l-(N-methyl-4-piperidinylidine)-8-chloro-6,l l-dihydro-5H-benzo(5,6)cyclohepta (1,2-b) pyridine (compound of formula I) so as reduce / remove the impurity ll-(N-Methyl-4- piperidinyl)-ll-Fluoro-8-chloro-6,ll-dihydro-5H-benzo(5,6)cyclohepta(l,2-b)pyridine (compound of formula II), below the specified limit/ desired level. The resulting purified | intermediate can be used further for the preparation of final API Loratadine (compound of formula III) having desired level of impurities as per ICH grade specs without extra purification.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7802/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ABSORBENT ARTICLE INCLUDING A BUFFER COMPOSITION

(51) International classification :A61F13/84
(31) Priority Document No :13/041660
(32) Priority Date :07/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026919
Filing Date :28/02/2012
(87) International Publication No :WO 2012/121932
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GRECO Joseph
2)GUBERNICK David
3)MONTOYA Claudia Massiel

(57) Abstract :
The present invention generally relates to absorbent sanitary articles for absorption of body fluids and in particular to a sanitary article of this type including a buffer composition adapted to adjust the natural pH of the absorbed body fluid to a pH that is compatible with the pH of skin.

No. of Pages : 27 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/09/2013

(21) Application No.7803/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DERIVATIVES OF PYRAZOLE SUBSTITUTED AMINO HETEROARYL COMPOUNDS

(51) International classification :A61K31/4545,C07D401/14
(31) Priority Document No :61/448887
(32) Priority Date :03/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027341
Filing Date :01/03/2012
(87) International Publication No :WO 2012/119006
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PANDYA Bhaumik
3)SILVERMAN Ian Robert

(57) Abstract :
This invention relates to novel pyrazole substituted amino heteroaryl compounds of Fomula (I) and pharmaceutically acceptable salts thereof. This invention also provides compositions comprising a compound of this invention and the use of such compositions in methods of treating diseases and conditions that are beneficially treated by administering an inhibitor of anaplastic lymphoma kinase (ALK).

No. of Pages : 38 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.825/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BOOT STRAP HYDRAULIC RESERVOIR FOR LIGHT COMBAT AIRCRAFT (LCA)

(51) International classification :F034F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BHOOPENDRA KUMAR
2)YOGENDRA SINGH

(57) Abstract :
Boot Strap Hydraulic Reservoir supplies pressurized hydraulic oil to the pump through its Suction Port. The BSHR has a capacity of 9.5 litre with emergency level of 3.0 litre. A Low Pressure Relief Valve (LPRV) is provided to relieve the excess pressure of Lowpressure chamber if it reaches beyond preset value. L.P. Cylinder (8) has High pressure (HP) End Cover sub assembly (2) at one end and LP End Cover sub assembly (1) on the other End. HP End Cover sub assembly houses HP Cylinder (13), Indicator Switch sub assembly (5), Low Pressure Relief Valve sub assembly (3) and Bleed Screw sub assembly (6). HP End cover sub assembly (2) also has Suction Port, Return port and Pressure port duly fitted with suction adaptor (24), Return adaptor (25) and Pressure Adaptor (26) respectively. LP Piston and HP piston (consisting of Piston Head (10) and Piston Rod(14)) are attached through use of Nut (21) and Tab Washer (20) in tandem arrangement and this can move inside LP Cylinder (8) and HP Cylinder (13). Indicator Rod (15) housed inside the Indicator Switch sub assembly (5) is attached HP End Cover. On movement of HP End Cover S/.A, the indicator Rod moves inside the Indicator Switch sub assembly (5). The tapered end of the Indicator Housing (15) operates a Switch in Indicator Switch sub assembly (5). This switch operation gives warning of low level indication. Bleed Rod (12) is housed inside the Bleed Housing (11) which is screwed to HP End cover sub assembly (2) provide route for trapped air near Bleed Screw sub assembly (6). This self pressurized reservoir provides oil at a low pressure of 5.5bar at pump suction when system pressure of 280 bar is applied to HP chamber of the reservoir. High pressure is applied to HP chamber through Inlet Adaptor which pushes the piston Rod outwards. Since LP side is filled with fluid and the LP Piston (Piston Head) is connected to HP Piston Rod, the hydraulic pressure force is transferred to the LP chamber fluid, pressurizing this fluid to the extent as determined by the area ratio of HP chamber and LP chamber, thus a low pressure of 5.5 bar is generated when HP pressure is 280 bar. In the event of undue pressure increase in low-pressure side o the reservoir, a safety Low Pressure Relief Valve (LPRV) is provided to relieve excess pressure. Valve is set to 9.31-10.0 bar. A bleeding arrangement is provided to ensure complete bleeding of air from LP chamber of the reservoir. Reservoir Level can be seen through a Visual level indicator and ensured as per the marking provided on the Indicator Housing for Full, Replenish, Emergency and Empty levels. Emergency level is also sensed by a Micro switch which gives electrical signal to solenoid cock to isolate the leakage system.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2013

(21) Application No.7745/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOCAL STORAGE LINKED TO NETWORKED STORAGE SYSTEM

(51) International classification :G06F15/167
(31) Priority Document No :13/074325
(32) Priority Date :29/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/030896
Filing Date :28/03/2012
(87) International Publication No :WO 2012/135318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OLSON Johanna S.
3)SMITH Korwin J.
4)WOOD James H.

(57) Abstract :
Disclosed are various embodiments for storage of files. A portable memory device is configured to couple to a computing device and a storage management application is stored in the portable memory device the storage management application being executable by a processor circuit. The storage management application is configured to send a plurality of files for storage in a networked storage system the networked storage system being remote to the computing device. The storage management system caches a subset of the files on the portable memory device and maintains a local file directory in the portable memory device. The local file directory lists the files stored in the networked storage system in association with an account linked to the portable memory device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6285/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FASTENING SYSTEM FOR MOUNTING SOLAR MODULES ON A TRAPEZOIDAL SHEET

(51) International classification :F24J2/52
(31) Priority Document No :10 2011 002 601.0
(32) Priority Date :12/01/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/050296
Filing Date :10/01/2012
(87) International Publication No :WO 2012/095413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCHNITZER Sandy
2)HERTLEIN Lisa

(57) Abstract :
The invention relates to a profiled bar which comprises in a cross sectional view: a base plate forming in some or all sections a completely even bottom side of the profiled bar a first and a second receiving space for rail holders which are both partially closed laterally towards the outside and comprise in each case a lateral opening the two lateral openings pointing in mutually opposite directions and a third receiving space that comprises an opening facing away from the bottom side of the profiled bar and having an inner profile for fastening the module fastening elements.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6289/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUBLINGUAL FILMS

(51) International classification :A61F13/00
(31) Priority Document No :61/423858
(32) Priority Date :16/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065665
Filing Date :16/12/2011
(87) International Publication No :WO 2012/083269
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BRYSON Nathan John
2)GIOVINAZZO Anthony John
3)BARNHART Scott David
4)KOONS Michael Clinton

(57) Abstract :
The invention features sublingual film formulations of dopamine agonists and methods of treating Parkinson s disease tremors restless leg syndrome sexual dysfunction and depressive disorders therewith.

No. of Pages : 72 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7763/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOZZLE BOTTOM ARRANGEMENT FOR A DRYER AND A METHOD FOR OPERATING SAID DRYER

(51) International classification :F26B3/08,F23K1/00,B01J8/44
(31) Priority Document No :102011000734.2
(32) Priority Date :15/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/IB2012/000267
Filing Date :14/02/2012
(87) International Publication No :WO 2012/110884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)THALER Bernd
2)SCHOMMER Hans Peter

(57) Abstract :
The invention relates to a nozzle grid device (14) and to a method for operating the latter. The nozzle grid arrangement (14) has a nozzle group with first nozzles (15a) and a further nozzle group with second nozzles (15b). The two nozzle groups can be supplied independently of each other with a fluidizing medium. The respective volumetric flow can be switched on and off or can be adjusted variably. The first nozzles (15a) and the second nozzles (15b) are uniformly distributed over the entire surface of the nozzle grid arrangement (14). As a result a homogeneous fluidized bed is produced in the fluidized bed dryer (10) irrespective of whether only one of the nozzle groups (15a or 15b) or all of the nozzles (15) is or are operated.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7764/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR FACILITATING ELECTRONIC COMMERCE

(51) International classification :G06Q30/06
(31) Priority Document No :61/439566
(32) Priority Date :04/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/022358
Filing Date :24/01/2012
(87) International Publication No :WO 2012/106148
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TYAGI Vic

(57) Abstract :
A system and method for selling or purchasing a product or service via the Internet by providing and connecting a server to the Internet and creating one or more databases on the server with which one or more users may register with wherein products and services offered for sale or requested for purchase are stored and organized in the server and are sold and purchased through one or more purchase groups created in the one or more databases.

No. of Pages : 31 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7765/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND EQUIPMENT FOR MANUFACTURING A THIN HOLLOW GLASS ITEM

(51) International classification :C03B9/32,C03B9/335,C03B9/36
(31) Priority Document No :11 51962
(32) Priority Date :10/03/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/054127
Filing Date :09/03/2012
(87) International Publication No :WO 2012/120119
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BRUNEAU Antoine
2)CASTEX Nicolas
3)CAVALLUCCI Denis
4)LEGASTELOIS Sylvie
5)PERRIN Olivier

(57) Abstract :
The invention relates to a method, comprising: feeding at least one molten-glass parison into a parison mold; forming, in the parison mold, a blank of the item (30) from said at least one parison; transferring the blank of the item into a finishing mold; and forming the item (30) in the finishing mold. While forming the item (30) in the finishing mold, excess glass is directed out of the base (32) of the item (30) so as to form a convex bulge (33), and said bulge (33) is removed such that the thickness of the base (32) of the item (30) is substantially constant.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7766/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FUEL INJECTION SYSTEM AND TANK INSTALLATION UNIT FOR A FUEL INJECTION SYSTEM

(51) International classification :F02M37/04,F02M37/10
(31) Priority Document No :10 2011 007 773.1
(32) Priority Date :20/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/055295
Filing Date :26/03/2012
(87) International Publication No :WO 2012/143208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)FRANK Josef
2)FUCHS Alexander

(57) Abstract :
The invention relates to a fuel injection system of an internal combustion engine, in particular a common-rail system, which has an electrical feed pump for feeding a fluid medium, in particular for feeding fuel in the fuel injection system, wherein the electrical feed pump has a drive assembly having an electronically commutated motor and a pump assembly which form an integral unit, wherein the electrical feed pump is adapted to be arranged in a tank installation unh which can be installed in a fuel tank of the fuel injection system. The invention further relates to a tank installation unit for a fuel injection system of an internal combustion engine, in particular for a common-rail system, wherein an electrical feed pump for feeding a fluid medium, in particular for feeding fuel in the ftiel injection system, is arranged in or on the tank installation unit, wherein the electrical feed pump has a drive assembly having an electronically commutated motor and a pump assembly which form an integral unit.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7767/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLUG CONNECTION FOR DIRECTLY ELECTRICALLY CONTACTING A CIRCUIT BOARD

(51) International classification :H01R12/87
(31) Priority Document No :10 2011 017 784.1
(32) Priority Date :29/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/054390
Filing Date :13/03/2012
(87) International Publication No :WO 2012/146437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)BUSCHLE Hartmut
3)STEIN Juergen
4)SCHOENFELD Michael
5)REHBEIN Peter
6)SCHMATZ Ulrich
7)KROECKEL Markus
8)FLEIG Michael

(57) Abstract :
The invention relates to a plug coimection (1) for directly electrically connecting contact surfaces (2) on a circuit board (3) having a plug receptacle (5), which is associated with the circuit board (3) and into which the circuit board (3) protrudes, having a plug (6) that can be plugged into the plug receptacle (5) and that comprises a contact carrier (8) having contact elements (9) for directly electrically contacting the contact surfaces (2) of the circuit board (3), and having a pressure spring device (11) for pressing the contact elements (9) of the contact carrier (8) against the contact surfaces (2) of the circuit board (3), wherein according to the m invention the pressure spring device (11) is provided in the plug receptacle (5).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6881/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SELECTIVE CATALYTIC DEHYDROCHLORINATION OF HYDROCHLOROFLUOROCARBONS

(51) International classification :C07C17/25,C07C21/18,C07C19/01
(31) Priority Document No :61/444868
(32) Priority Date :21/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025881
Filing Date :21/02/2012
(87) International Publication No :WO 2012/115934
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUN Xuehui
2)NAPPA Mario Joseph

(57) Abstract :
A dehydrochlorination process is disclosed. The process involves contacting R1CHCICH2 with a carbon catalyst in a reaction zone to produce a product mixture comprising RiCCl=CH 2, wherein Rf is a perfluorinated alkyl group.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/08/2013

(21) Application No.6882/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTROL ARRANGEMENT AND METHOD FOR REGULATING THE OUTPUT VOLTAGE OF A DC SOURCE POWER CONVERTER CONNECTED TO A MULTI SOURCE DC SYSTEM

(51) International classification	:H02M3/158
(31) Priority Document No	:11000984.2
(32) Priority Date	:08/02/2011
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2012/052003
Filing Date	:07/02/2012
(87) International Publication No	:WO 2012/107423
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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(57) Abstract :
A converter control arrangement (18 48) for regulating the output voltage of a dc source power converter (16) connecting an ac system (6) to a HVDC system to enable dc electrical power to be supplied from the ac system (6) to the HVDC system comprises a dynamic droop control device (26) including first and second droop controllers (30 32) in which the droop rate of the second droop controller (32) is greater than the droop rate of the first droop controller (30). The converter control arrangement (18 48) comprises a voltage regulator (20) for regulating the output voltage of the dc source power converter (16) by comparing an output voltage value (V) with a target voltage value (V) derived by combining a reference voltage value (V; V) and a droop voltage value (V) provided by the dynamic droop control device (26). The first droop controller (30) controls the droop voltage value (V) when an output current value (I) of the dc source power converter (16) is less than a reference current value (I). The second droop controller (32) controls the droop voltage value (V) when the output current value (I) is greater than the reference current value (I). The reference current value (I) is the desired output current value (I) of the dc source power converter (16) and defines in combination with the reference voltage value (V; V) a target operating point (36).

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.920/DEL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL CNG LOW PRESSURE HOSE TO REDUCE AMPLITUDE OF CNG PULSATION

(51) International classification :B07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)AKHILESH YADAV
3)ANKIT KHADAYATE

(57) Abstract :
This invention relates to novel CNG fuel system of vehicle to reduce amplitude of CNG pulsation comprising of a novel low pressure CNG hose provided bctwccn outlet of CNG low pressure filter in connection with pressure regulator and inlet of CNG injector rail, wherein the hose comprising a stepped down section carrying fuel from the filter to said injector rail.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2013

(21) Application No.7769/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCTION OF CARBOXYLIC ACID AND SALT CO PRODUCTS

(51) International classification :C07C51/02,C01C1/24,C01D1/20
(31) Priority Document No :13/039913
(32) Priority Date :03/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/027450
Filing Date :02/03/2012
(87) International Publication No :WO 2012/119064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KLEFF Susanne
3)GUETTLER Michael V.

(57) Abstract :
This invention provide processes for producing carboxylic acid product along with useful salts. The carboxylic acid product that is produced according to this invention is preferably a C C carboxylic acid. Among the salts produced in the process of the invention are ammonium salts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6310/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH PRESSURE PUMP

(51) International classification :F02M59/10,F02M63/00,F04B1/04
(31) Priority Document No :10 2011 003 678.4
(32) Priority Date :07/02/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/074287
Filing Date :30/12/2011
(87) International Publication No :WO 2012/107151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
The invention relates to a high pressure pump (1) in particular for a motor vehicle for conveying a fluid in particular fuel for example diesel fuel comprising a drive shaft (2) having at least one cam (3) at least one piston (5) at least one cylinder (6) for supporting the at least one piston (5) and at least one cam roller (10). The at least one piston (5) is indirectly supported on the drive shaft (2) with the at least one cam (3) by means of the at least one cam roller (10) so that based on a rotational movement of the drive shaft (2) a translational movement can be executed by the at least one piston (5). The invention further comprises at least one roller shoe (9) having a sliding bearing greased with a lubricant for the at least one cam roller (10) so that a rotational movement around an axis of rotation (25) can be executed by the at least one cam roller (10). At least one axial end segment of the at least one cam roller (10) is provided with blades (16) so that the at least one cam roller (10) forms a rotor for the blades (16) in order to convey the lubricant to an axial sliding bearing of the at least one cam roller (10) on the at least one roller shoe (9).

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6311/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PREMIX FOR A FORTIFIED FOOD BLEND

(51) International classification :A23L1/03,A23L1/10,A23L1/105
(31) Priority Document No :61/457309
(32) Priority Date :22/02/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/052899
Filing Date :21/02/2012
(87) International Publication No :WO 2012/113771
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STREEKSTRA Hugo
3)WERTZ Karin

(57) Abstract :
The present invention relates to a vitamin mineral and enzyme premix for a fortified food blend comprising an alpha amylase and a glucoamylase to increase energy content reduce viscosity and improve taste of a porridge prepared from said fortified food blend. Furthermore the invention relates to a high energy fortified food blend comprising a vitamin mineral and enzyme premix from which a high energy low viscosity and tasty porridge can be prepared. It also relates to a porridge prepared form the fortified food blend according to the present invention.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6312/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PREPARATION OF 4 ACETOXY 2 METHYLBUTANAL BY CATALYTIC CARBON CARBON DOUBLE BOND HYDROGENATION

(51) International classification :C07C67/283,C07C69/14
(31) Priority Document No :00097/11
(32) Priority Date :19/01/2011
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2012/050544
Filing Date :16/01/2012
(87) International Publication No :WO 2012/098067
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BONRATH Werner
2)SCHTZ Jan

(57) Abstract :
The present invention relates to a new way for the production of 4 acetoxy 2 methyl butanal wherein a non acidic catalytic system is used.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6313/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POLYAMIDE COMPOSITION

(51) International classification :C08L77/06,C08L77/00
(31) Priority Document No :11154838.4
(32) Priority Date :17/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/052512
Filing Date :14/02/2012
(87) International Publication No :WO 2012/110511
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JANSSEN Pim Gerard Anton
3)KWANT Gerard Jan

(57) Abstract :
Polyamide composition comprising a first polyamide characterized in that the composition further comprises polyamide PXD10 in an amount of at least 0.01 wt% based on the total amount of polyamides in the composition. In a preferred embodiment of the invention the first polyamide is an aliphatic polyamide chosen from the group of polyamide 6 polyamide 66 and polyamide 46. A fuel part comprising the polyamide composition is also claimed.

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6314/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTISTAGE DRAWING PROCESS FOR DRAWING POLYMERIC ELONGATED OBJECTS

(51) International classification :D01D5/12,D01F6/04
(31) Priority Document No :11155820.1
(32) Priority Date :24/02/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/052775
Filing Date :17/02/2012
(87) International Publication No :WO 2012/113727
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a multistage drawing process for the drawing of polymeric elongated objects containing a first drawing stage and a final drawing stage and optionally containing at least one intermediate drawing stage subsequent to the first drawing stage and prior to the final drawing stage comprising in the following order the steps of: a. providing a polymeric elongated feed object; b. drawing the elongated object in the first drawing stage with a draw ratio of between 30% and 90% of the maximum drawing ratio achievable in the first drawing step; c. optionally drawing the elongated object in the at least one intermediate drawing stage with a draw ratio of between 30% and 90% of the maximum drawing ratio achievable in the at least one intermediate drawing step; d. drawing the elongated object in the final drawing stage with a draw ratio of at most 5 preferably of at most 3.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.6315/DELNP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SHAPE CONTROLLED PALLADIUM AND PALLADIUM ALLOY NANOPARTICLE CATALYST

(51) International classification :H01M4/92,H01M8/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/021703
Filing Date :19/01/2011
(87) International Publication No :WO 2012/099583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHAO Minhua

(57) Abstract :
A unitized electrode assembly for a fuel cell includes an anode electrode a cathode electrode an electrolyte and palladium catalytic nanoparticles. The electrolyte is positioned between the cathode electrode and the anode electrode. The palladium catalytic nanoparticles are positioned between the electrolyte and one of the anode electrode and the cathode electrode. The palladium catalytic nanoparticles have a { 100} enriched structure. A majority of the surface area of the palladium catalytic nanoparticles is exposed to the UEA environment.

No. of Pages : 14 No. of Claims : 20

CONTINUED TO PART- 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2013

(21) Application No.192/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BENZIMIDAZOLYL, BENZOXAZOLYL AND 2-PYRIDYLIMIDAZOLYL DERIVATIVES AS POTENTIAL ANTICANCER AGENTS AND THE PROCESS FOR THEIR PREPARATION.

(51) International classification	:C07D487/02, C07D495/04, A61K31/519, A61
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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3)B.P.SRINIVASAN
4)PAWAR VIJAY ARJUN
(72)**Name of Inventor :**
1)YADAV MANGE RAM
2)HUCHANNA YOGISH KUMAR
3)B.P.SRINIVASAN
4)PAWAR VIJAY ARJUN

(57) Abstract :
Potential Anticancer agents with the given structural formula and their method of preparation have been claimed. The claimed compounds are useful as anticancer agents with potential application in treatment of leukemia, Non-Small Cell Lung Cancer (NSCLC), Colon cancer, CNS Cancer, Melanoma, Ovarian cancer, Renal cancer, Prostate cancer & Breast cancer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.232/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NETWORK SELECTION BY WIRELESS TERMINALS

(51) International classification :H04W48/16
(31) Priority Document No :60/780,391
(32) Priority Date :07/03/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2007/063497
Filing Date :07/03/2007
(87) International Publication No :WO/2007/103975
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1760/MUMNP/2008
Filed on :14/08/2008

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1)EDGE, Stephen
2)WILLIAMS, David
3)ANDERSEN, Niels, Peter, Skov

(57) Abstract :
Techniques for efficiently performing network selection using information stored at a terminal are described herein. The terminal may store coverage information for previously detected wireless networks, cell information for previously detected cells in wireless networks, usage information for previously accessed wireless networks, availability information for previously detected wireless networks, almanac information for cells in wireless networks (e.g., information on cells available at different locations and information for acquiring the cells), and/or other information that may be useful for network selection. The terminal may select a wireless network to attempt acquisition based on the stored coverage information and its current location, the stored cell information and information for the current location (e.g., an identity of a cell detected at the current location), the stored usage information, the stored availability information, and/or the stored almanac information.

No. of Pages : 39 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.241/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STABLE NANOPARTICULAR SUSPENSION AND METHOD FOR PRODUCING SAME

(51) International classification :B01F17/00,C03C17/25
(31) Priority Document No :10 2011 114 363.0
(32) Priority Date :27/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/003996
Filing Date :25/09/2012
(87) International Publication No :WO 2013/045071
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)METZ Ina
2)SCHEIDT Christian
3)BL–SS Stephan Peter

(57) Abstract :
The invention relates to a stable highly concentrated (up to 70% by weight) aqueous suspension of nanoparticles in particular of titanium dioxide particles to a method for producing same and to the use of the suspension for example as a coating or impregnant or as an additive in organic or inorganic matrices. The suspension contains a first dispersant based on a polymer alkoxylate and a second dispersant from the group of amino alcohols. The suspension is characterized in that the stability is maintained even during or after intensive dispersion in a stirrer mill and no increase in viscosity occurs. In a particular embodiment the viscosity decreases by up to 10 to 50% as a function of the grinding duration. In a further embodiment the suspension can be dried and then re dispersed wherein the same state of dispersion as in the original suspension is achieved.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2013

(21) Application No.277/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BATTERY COVER FOR PREVENTION OF ELECTROLYTE LEAKAGE

(51) International classification	:H01M2/12, H01M10/06, H01M2/04
(31) Priority Document No	:KR 10-2012-0136977
(32) Priority Date	:29/11/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Hyun Ryung, KIM
2)Seung Bok, PARK
3)Kyu Hyeong, LEE

(57) Abstract :
A battery cover for prevention of electrolyte leakage is disclosed. In the battery cover, a sealed assembly structure of upper and lower covers of a battery case is configured in such a way that it forms a labyrinth structure that can allow an electrolyte to move upward and downward, thereby increasing an electrolyte leakage resistance of the battery case. Further, gas discharge holes and micro-holes are formed in the battery cover, and so the battery cover can easily discharge gas from the battery case. In the battery cover, electrolyte recovery ports are arrayed in such a way that the electrolyte can be prevented from leaking from the battery case even when the battery case is turned over or tilts to one side.

No. of Pages : 82 No. of Claims : 18

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

(21) Application No.1376/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REAL-TIME CHECKING SYSTEM FOR PRESS FIT COMPONENTS

(51) International classification	:B01D61/58, A61M1/34
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)Santosh Arjun Shinde

(57) Abstract :
The present invention provides a system for real-time monitoring and checking fitting of press fit components fitted together by using a pressing machine. The system includes a load cell, a plurality of load-cell controller, a length sensor, a length controller and an interface. The load cell is connected to a pressing member. The plurality of load-cell controllers are connected to the load cell for receiving conditioned out-put signals from the load cell. The length controller connected to the length sensor and to each of the load-cell controller, the length controller is calibrated to trigger each of the load-cell controllers sequentially and cyclically at a predefined length read by the length sensor. The interface enables to set the trigger length against the respective load-cell controller sequentially. Each of the load-cell controllers gets trigger from the length controller, upon receiving the trigger, the load-cell controller stores the compared results therein. The interface retrieves and stored results from each of the load-cell controllers and the load results are then displayed in the interface against the length.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.221/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR MULTIPLE FUNCTION ELECTRONIC WEAPONRY

(51) International classification	:F41H13/00,F41C 9/00
(31) Priority Document No	:60/716,809
(32) Priority Date	:13/09/2005
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2006/035102 :11/09/2006
(87) International Publication No	:WO/2008/030243
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:136/MUMNP/2008 :25/01/2008

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BRUNDULA, STEPHEN, N.D.
2)CEROVIC, Milan
3)NERHEIM, Magne, H.

(57) Abstract :
An electronic nonlethal weapon includes a first control that initiates a launch function, a second control that does not initiate any launch function, and a signal generator. In response to the second control, the signal generator either provides an arc to warn the target or stuns the target For example, in use, the weapon may cooperates with a deployment unit having first and second electrodes. The first control in a first operation initiates launching of the first electrode toward a first target. The first control in a second operation initiates launching of the second electrode toward a second target. The signal generator, responsive to one operation of the second control, provides a first current through the first electrode to stun the first target and provides a second current through the second electrode to stun the second target.

No. of Pages : 66 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.321/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A DEXAMETHASONE PREFILLED SYRINGE.

(51) International classification	:A61M 3/00, A61K31/00	(71)**Name of Applicant :** **1)AGRAWAL, PAWAN** Address of Applicant :F 22, AKASH TOWER, OPP: PREMCHAND NAGAR, JUDGES BUNGLOW ROAD, SATELLITE, AHMEDABAD-380054, GUJARAT STATE, INDIA **2)AGARWAL, ZAMEER**
(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 :** **1)AGARWAL, PAWAN** **2)AGARWAL, ZAMEER**
(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 embodiment of the proposed invention relates to Dexamethasone prefilled syringe which eliminates the risk of contamination and material loss. In Dexamethasone prefilled syringes chances of breakage and medical wastage are considerably reduced. The present syringes are prefilled with Dexamethasone and hence the drug are not exposed to the atmosphere prior to administration which prevents the drug from contamination. As the vials are not at all required, medical wastage considerably reduces. Also, it results in reduction of costs of vials thereby making the present invention economical.

No. of Pages : 18 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.342/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED A COMPACT WINDING MACHINE FOR USE IN TEXTILE FIELD

(51) International classification	:B65H51/22, B65H67/08, B65H69/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NAGARSHETH, Ashish A

(57) Abstract :
An improved compact winding machine (WM) having cylindrical winding drum (D) having grooves on the surface to guide the yarn on the bobbin (BO); motor (M) to rotate the winding drum (D); cone holder (CH) for fitting the bobbin (BO) over which winding is done; yarn tensioner (YT) for facilitating tension to the yarn for proper winding of the yarn on the bobbin (BO) and chassis over which the entire improved winding machine (WM) is assembled where improvement comprising in reducing the spindle length to by placing the motor (M) inside the winding drum (D) where motor shaft (S) is coupled directly with the winding drum (D) with a zero tolerance whereby the said winding drum (D) is facilitated with flange (F) having tapered hole to fit the tapered motor shaft (S).

No. of Pages : 18 No. of Claims : 1

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

(21) Application No.339/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BENDING INSENSITIVE SINGLE MODE OPTICAL FIBRE

(51) International classification :G02B6/036
(31) Priority Document No :201210006792.4
(32) Priority Date :10/01/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/086974
Filing Date :20/12/2012
(87) International Publication No :WO 2013/104243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)WU Yiwen
3)YE Ming
4)MAO Mingfeng
5)WANG Zhiyong
6)WANG Ruichun
7)MATAI Raadjkoemar

(57) Abstract :
A bending insensitive single mode optical fibre comprises a core and a cladding. The diameter of the core is 7 7.9 μm and the relative refractive index difference of the core is 4.6 X 10 6.5 X 10. The cladding outside the core comprises an inner cladding a hollow outer cladding and an outer cladding in sequence from inside to outside. The diameter of the inner cladding is 16.5 20 μm and the relative refractive index difference of the inner cladding is 3 X 10 3 X 10. The diameter of the hollow outer cladding is 33 40 μm and the relative refractive index difference of the hollow outer cladding is 2.9 X 10 7.3 X 10. The relative refractive index difference of the hollow outer cladding changes in gradient and gradually increases from outside to inside. The relative refractive index difference at the outermost interface is smaller than the relative refractive index difference at the innermost interface. By optimizing the cross section of the optical fibre the bending insensitive single mode optical fibre not only has a lower additional bending loss a stable mechanical performance and a uniform material composition but also reduces the diameters of the inner cladding and the hollow outer cladding of the optical fibre on the basis of keeping effective mode field diameters and bending properties thereby reducing the manufacturing costs of optical fibres.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2013

(21) Application No.358/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EXPANSION JOINT

(51) International classification	:B65G17/06, B65G21/00, B65G21/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)JADHAV NITIN ANANDRAO
3)PITALE NILESH ASHOK

(57) Abstract :
The disclosure relates to an expansion joint for a conveyor system. The expansion joint comprising: a first joint member connected to a first track, the first joint member comprises a first lateral plate, a second lateral plate, a first pair of horizontal channels connecting the first with the second lateral plate, and second pair of horizontal channels positioned proximate to the first pair of horizontal channels; and, a second joint member connected to a second track, the second joint member comprises a lateral plate positioned parallel to the second lateral plate, and a pair of rib members extending from the lateral plate, the pair of rib members adapted to slide within the second pair of horizontal channels to accommodate the movement of the first track with respect to the second track, the pair of rib members support the conveyor rollers during passage thereof through the first pair of horizontal channels.

No. of Pages : 14 No. of Claims : 6

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

(21) Application No.428/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD OF AUTO TUNING A HORN IN A VEHICLE AND A SYSTEM THEREOF

(51) International classification :B60Q5/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHINGATE SNEHAL
3)KALE SNEHA DHANANJAY

(57) Abstract :
Embodiments of the disclosure relates to a method and system for auto tuning a horn in a vehicle. The method comprises detecting activation of a horn switch by a control unit, which is configured in the vehicle. The control unit is activated when an ignition button configured in the vehicle is operated. Also, the method comprises providing a predefined input to the horn upon activation of the horn switch by the control unit. Further, the method comprises receiving feedback from the horn by the control unit, using a feedback module. The feedback module senses the voltage proportional to the horn current and provided the feedback to the control unit. Further, the method comprises finding the resonance frequency based on peak analog voltage received by the control unit from the frequency module and thereafter tuning the horn to operate at the resonant frequency value.

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

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

(21) Application No.428/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SEGMENT STRUCTURE HAVING VERTICAL STRANDS AND HORIZONTAL SHEAR KEYS AND METHOD FOR CONSTRUCTING SHIELD TUNNEL USING SAME

(51) International classification :E21D9/06
(31) Priority Document No :10-2011-0092822
(32) Priority Date :15/09/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/007280
Filing Date :11/09/2012
(87) International Publication No :WO 2013/039315
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MA Sang Joon

(57) Abstract :
The present invention enables each segment in which two center through paths and two end through paths are formed to be sequentially and adjacently arranged at each column in a vertical direction wherein: horizontal segments at four columns are set as one unit such that strands are inserted strained and settled therein; only one strand is settled in each segment such that only the corresponding segment is settled and fixed; the segments by the remaining three strands located at the other columns are sequentially settled and fixed in the same manner as above via through paths thereby forming a foundation reaction wall through which all the four strands pass and at the same time segments at the other columns are also sequentially and easily settled and fixed by the remaining three strands with respect to structurally stabilized foundation reaction wall; and the foundation reaction wall of the segments is formed and the other columns in accordance with the foundation reaction wall are sequentially settled and fixed together with a drilling operation by repeating the above steps. Thus through said features the invention allows the segments to be assembled in an efficient and economical manner.

No. of Pages : 30 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.429/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS TO PRODUCE A SAPOTA WINE

(51) International classification	:C12G 1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ATISH VIKAS SAVE

(57) Abstract :
The present invention is related to the sapota fruit wine preparation a) Technology for the sapota fruit wine preparation, the problem is non stability of wine due to the bacterial activity and low acid fruit properties. While it is possible to produce a stable sapota wine which is saleable by implementing mentioned procedure. b)) Ripening of the sapota fruit uniformly under the correct parameter in the ripening chambers using latest ethylene gas ejection system. Without this technology it is difficult to ripe the sapota fruit uniformly. If fruit is not uniformly ripe then it is difficult to extract juice. Without this it is not possible to extract juice in quantity and quality as well. c) Next innovation is to find a correct technique to extract a juice from sapota. Sapota juice required to make wine is not possible through helicoidally or centrifugally operated juicers. My techniques to extract juice are using hydraulic operated press. In my technique of juice extraction no need to remove seed and skins of the sapota fruit. d) Raw fruit properties are studied through very basic level to understand the problem of making wine from sapota. Major problem was sapota juice is low acid in nature so standard wine procedure for normal fruit juices which are high acid in the nature will not work for it and finding a new technique to produce a wine from a low acid fruit juices. My sapota wine procedure is developed in such a manner that it suites for the low acid fruit juices especially sapota. Example: -1) quantity and timing for addition of bacterial culture in the primary fermentation of sapota juice is very crucial.2) exact parameters of the juice at the initial level of the fermentation. e) Crystal clear nectar of the sapota which is latex free and less viscous in nature is very important for producing a stable sapota wine. Through my technique stable sapota wine is easily achieved.

No. of Pages : 7 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/02/2014

(21) Application No.219/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WNT FAMILY DERIVED PEPTIDE AND USES THEREOF

(51) International classification :C07K14/71,A61K38/18,A61Q7/02
(31) Priority Document No :10-2011-0077566
(32) Priority Date :04/08/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/003638
Filing Date :09/05/2012
(87) International Publication No :WO 2013/018976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CHUNG Yong Ji
2)KIM Eun Mi

(57) Abstract :
The present invention relates to a WNT family derived novel peptide and uses thereof. The WNT derived peptide according to the present invention performs similar functions as a naturally occurring WNT protein is more stable compared to same and also has excellent skin permeability. Accordingly a compound comprising the peptide according to the present invention enhances hair growth and provides improved prevention against hair loss has an anti aging effect and is effective in treating preventing or alleviating diseases or conditions requiring the activation of WNT proteins. Additionally the superior activation and safety of the peptide can be used beneficially in drugs quasi drugs and cosmetics.

No. of Pages : 47 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2011

(21) Application No.3024/MUM/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A MODULAR PLATE TYPE RESISTIVE SUPERCONDUCTOR FAULT CURRENT LIMITER EQUIPMENT AND ASSEMBLY

(51) International classification :G01R15/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :N/A
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DIXIT MANGLESH
2)LOBO ANTHONY MARCEL
3)KULKARNI SANDEEP
4)SUKALI RAMESH

(57) Abstract :
A modular plate type resistive superconductor fault current limiter equipment, said equipment comprises: plate-type substrate adapted to host a plurality of strips of superconductors linearly aligned, along the length of the plate, parallel to one another in a spaced apart manner; and an assembly for stacking a plurality of said equipment together, in a spaced apart manner, to provide modular rating by adding or removing said equipment.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.325/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF AZITHROMYCIN MONOHYDRATE.

(51) International classification :C07H17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KULKARNI, RAHUL SURESH
4)PAWAR, SANJAY DATTATREYA
5)JADHAV, NARAYAN MURALIDHAR
6)SUDRIK, VILAS ABASO

(57) Abstract :
The present invention relates to an improved process for the preparation of Azithromycin monohydrate. More particularly, the present invention relates to a simple and industrially scalable process for preparation of stable Azithromycin monohydrate having residual solvent content between 0 to 200 ppm.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.400/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL COMBINATION OF MICRONISED EGGSHELL & VITAMIN D3 SUSPENSION

(51) International classification	:A61K31/185, A61K31/59, A61K47/16, A61K3
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)HANGE, NAGESH PARMESHWAR
4)PATIL, NIRANJAN VIJAY
5)PATEL, HIREN MANJI
6)SIKDAR, MRINAL VIVEKANAND
7)SARANGI, MANOJKUMAR
8)PATIL, AJIT HASHA
9)KUMBHAR, AMIT RAMCHANDRA
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1)WAGHULDE, SANDEEP ONKAR
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4)PATIL, NIRANJAN VIJAY
5)PATEL, HIREN MANJI
6)SIKDAR, MRINAL VIVEKANAND
7)SARANGI, MANOJKUMAR
8)PATIL, AJIT HASHA
9)KUMBHAR, AMIT RAMCHANDRA

(57) Abstract :
The present invention relates to a palatable liquid suspension formulation of calcium supplements for oral administration, comprising micronised Eggshell, stabilized vitamin D3, thixotropic gel-forming gum(s), suspending agent(s) and other pharmaceutically acceptable excipients. The invention further relates to a process for preparation of the suspension having excellent suspendability.

No. of Pages : 14 No. of Claims : 9

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

(21) Application No.446/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EXHAUST GAS PURIFICATION CATALYST AND EXHAUST GAS PURIFICATION CATALYST STRUCTURE

(51) International classification :B01J23/89,B01D53/94,B01J23/62
(31) Priority Document No :2011-201029
(32) Priority Date :14/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073072
Filing Date :10/09/2012
(87) International Publication No :WO 2013/039037
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SATO Takahiro
2)NAKAHARA Yunosuke
3)MACHIDA Masato

(57) Abstract :
Provided are an exhaust gas purification catalyst that contains a carrier which contains aluminum borate in which 2.5 to 11.5 atom % of the aluminum atoms in the aluminum borate are substituted by Fe Co Ga or Ni and Pd supported on the carrier and an exhaust gas purification catalyst structure that contains a catalyst support comprising a ceramic or metallic material and a layer of the exhaust gas purification catalyst supported on the catalyst support.

No. of Pages : 26 No. of Claims : 5

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

(21) Application No.271/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF AN INFUSIBLE BEVERAGE INGREDIENT

(51) International classification :A23L1/212,A23F3/34,A23F3/40
(31) Priority Document No :11178980.6
(32) Priority Date :26/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066282
Filing Date :21/08/2012
(87) International Publication No :WO 2013/030049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)COLLETT Jonathan George
3)JUBLOT Lionel
4)KHALLOUFI Seddik

(57) Abstract :
The present invention relates to a process for the manufacture of an infusible beverage ingredient comprising dried fruit pieces the process comprising the steps of: (a) providing fruit pieces and coating particles; (b) mixing the fruit pieces and the coating particles to provide coated fruit pieces; and then (c) drying the coated fruit pieces to a moisture content of less than 30 wt % preferably to a moisture content of 0.1 to 10 wt % wherein the coating particles comprise particles of fruit peel which are less than 1.5 mm in diameter.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.347/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANTIBACTERIAL CYCLOPENTA[C]PYRROLE SUBSTITUTED 3 4 DIHYDRO 1H [1 8]NAPHTHYRIDINONES

(51) International classification	:C07D471/04,C07D487/04,A61K31/4375
(31) Priority Document No	:11177119.2
(32) Priority Date	:10/08/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/065733 :10/08/2012
(87) International Publication No	:WO 2013/021054
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)LAN‡OIS David Francis Alain
3)MOTTE Magali Madeleine Simone
4)KOUL Anil
5)BALEMANS Wendy Mia Albert
6)ARNOULT Eric Pierre Alexandre

(57) Abstract :
The present invention is related to novel compounds of formula (I) that inhibit the activity of the FabI enzyme which are therefore useful in the treatment of bacterial infections. It further relates to pharmaceutical compositions comprising these compounds and chemical processes for preparing these compounds.

No. of Pages : 69 No. of Claims : 16

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

(21) Application No.452/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DUAL BAND INTERSPERSED CELLULAR BASESTATION ANTENNAS

(51) International classification :H04B 3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/087300
Filing Date :24/12/2012
(87) International Publication No :WO 2014/100938
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JONES Bevan Beresford
2)ISIK Ozgur
3)SHANG Chunhui

(57) Abstract :
Low band radiators (100) of an ultra wideband dual band dual polarization cellular basestation antenna (400) and ultra wideband dual band dual polarization cellular base station antennas (400) are provided. The dual bands comprise low and high bands. The low band radiator (100) comprises a dipole (120 140) comprising two dipole arms (120A 120B 140A 140B) adapted for the low band and for connection to an antenna feed. At least one dipole arm (200) of the dipole (120 140) comprises at least two dipole segments (210 220 230) and at least one radiofrequency choke (240A 240B). The choke (240A 240B) is disposed between the dipole segments (210 220 230). Each choke (240 A 240B) provides an open circuit or a high impedance separating adjacent dipole segments (210 220 230) to minimize induced high band currents in the low band radiator (210 220 230) and consequent disturbance to the high band pattern. The choke (240A 240B) is resonant at or near the frequencies of the high band.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/02/2013

(21) Application No.453/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIRELESS UNDERGROUND WATER SENSOR NODE

(51) International classification :G01R27/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Mr. SHAM NAYSE
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(57) Abstract :
This node can detect the underground water with wireless communication capability. This is an innovative approach to determine the soil moisture content in soil and to update the information to the server through RF (radio frequency/ wireless). This system is more useful for precision agriculture to find the exact requirement of water for different crops. The sensor works on the principle of change in capacitance which occurs due to the change in dielectric property of the soil. This change is acquired by data accusation system and the data is transferred through the communication unit. It is transmitted to the collection point for further analysis and decision making of the system. The communication of each node is based on application based protocol for wireless sensor network. This node is useful in various application sectors for remote underground water sensing and monitoring.

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

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

(21) Application No.331/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ACIDIC HYDROLYSIS OF LIGNOCELLULOSIC BIOMASS WITH MINIMAL USE OF AN ACID CATALYST

(51) International classification :C13K1/02
(31) Priority Document No :TO2011A000773
(32) Priority Date :24/08/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/066263
Filing Date :21/08/2012
(87) International Publication No :WO 2013/026849
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MARRONE Michelle
3)BOZZANO Irene

(57) Abstract :
This specification describes a process of producing a monomeric sugar stream with little or no acid addition from an oligomeric sugar solution using the intrinsic features of the mildly pre treated vegetable or ligno cellulosic biomass namely the presence of naturally occurring salts. This is accomplished by lowering the pH of the oligomer sugar solution with little or no addition of an acid and then exposing the biomass with the lowered pH to an elevated temperature greater than 80°C for a time sufficient to hydrolyze the components of the biomass.

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.460/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR SETTING UP A COMMUNICATION LINK

(51) International classification :H04M3/42,H04W12/02,H04W4/12
(31) Priority Document No :10 2011 111 569.6
(32) Priority Date :20/08/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/000850
Filing Date :20/08/2012
(87) International Publication No :WO 2013/026443
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GRUBER Daniel

(57) Abstract :
The present invention relates to a method for setting up a communication link between a first mobile communication terminal device and a second communication device in which the first mobile communication terminal device uses a user controlled dial in control apparatus preferably following registration to set up a preferably protected connection to an Internet server which has vehicle registration number registers which each have an associated PO Box and telephone number or Internet address for a telecommunication terminal device that is associated with a second communication device the first mobile communication terminal device uses a user controlled dial out control apparatus to implement a notification or request message for a vehicle registration number using an essentially alphanumeric character string the Internet server automatically stores the notification or request message in the PO Box associated with the requested vehicle registration number and automatically checks whether a reference entry for a telephone number or Internet address for the telecommunication terminal device associated with the second communication device is present and enabled for the requested vehicle registration number and in such a case transmits the telephone number or Internet address stored for the requested registration number in the registration number register to the first mobile communication terminal device and the first mobile communication terminal device is able following confirmation by means of the user controlled dial in control apparatus to set up a connection to the telecommunication terminal device associated with the second communication device.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.461/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FLUID PRESSURE TRANSMITTER WITH SEPARATED SENSOR AND SENSOR ELECTRONICS

(51) International classification :G01L7/08,G01L19/08
(31) Priority Document No :13/245306
(32) Priority Date :26/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/042388
Filing Date :14/06/2012
(87) International Publication No :WO 2013/048598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCHULTE John
3)BRODEN David A.

(57) Abstract :
A process fluid pressure transmitter has a remote pressure sensor (204). The transmitter includes an electronics housing (104) and a loop communicator (300) disposed in the electronics housing (104) and being configured to communicate in accordance with a process communication protocol. A controller (304) is disposed within the electronics housing (104) and is coupled to the loop communicator (300). Sensor measurement circuitry (306) is disposed within the electronics housing (104) and is coupled to the controller (300). A remote pressure sensor housing is configured to couple directly to a process and is spaced from the electronics housing. A pressure sensor (100 120) is disposed within the remote pressure sensor housing. The pressure sensor (100 120) forms at least one electrical component having an electrical characteristic that varies with process fluid pressure. Portions of the electrical component are coupled directly to a multiconductor cable (106) that operably connects the pressure sensor (100 120) to the sensor measurement circuitry (306).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2014

(21) Application No.223/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TERMINAL DEVICE AND TRANSMISSION METHOD

(51) International classification :H04W72/04,H04W28/04
(31) Priority Document No :2012-109502
(32) Priority Date :11/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001774
Filing Date :15/03/2013
(87) International Publication No :WO 2013/168341
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A terminal device capable of providing a method for determining PUCCH resources used for notification of response signals indicating error detection results for downlink line data when ARQ is applied during communications using an uplink unit band and a plurality of downlink unit bands associated to the uplink unit band and when downlink data allocations are instructed using an ePDCCH. In this device a control unit (208) determines A/N resources on the basis of whether a channel used for transmitting downlink control information (DCI) is a PDCCH or an ePDCCH.

No. of Pages : 69 No. of Claims : 3

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

(21) Application No.414/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A DEVICE WHICH IS A CAP FOR PREVENTING LEAKAGE IN ANY BOTTLE

(51) International classification	:B65D 51/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MR. RAKESH JAIN

(57) Abstract :
A Popup cap for preventing leakage of liquid or gases in any metallic or non-metalic bottles comprised with round shapes main body capable to hold all parts into one solid structure. The body of the cap contains a hole in the middle of the upper side, it is further extended down side to accommodate a gear, which closes the bottom of the main body having an extended part of a long stick, extended from the middle of the gear. At the base part of the gear a hole is being provided through which liquid can be dispensed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.463/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FILE OPENING METHOD APPARATUS AND TERMINAL

(51) International classification :G06F17/30
(31) Priority Document No :201110260036.X
(32) Priority Date :05/09/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/076874
Filing Date :14/06/2012
(87) International Publication No :WO 2013/034006
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)LIU Guize

(57) Abstract :
Disclosed are a file opening method apparatus and terminal belonging to the field of data processing technologies. The method comprises: capturing a file opening action and acquiring a corresponding original file system device object and a corresponding original file system distribution function address; directly sending a file opening request to a file system where the original file system device object is located and transferring the file opening request through the file system to an original file system distribution function corresponding to the original file system distribution function address; and executing a file opening operation through the original file system distribution function. In the present invention a file opening request is directly sent to a file system where an original file system device object is located and a file opening operation is executed through an original file system distribution function so as to implement penetration on file filtering driving and reduce the unnecessary virus scanning operation performed whenever a file is opened; when a plurality of pieces of anti virus software is installed the system burden caused by scanning due to repetitive file opening may be alleviated so as to improve system compatibility.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.464/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE FOR PROCESSING CONTAINERS

(51) International classification :B08B15/00,B08B15/02,B41J29/17
(31) Priority Document No :10 2011 119 171.6
(32) Priority Date :23/11/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/003841
Filing Date :13/09/2012
(87) International Publication No :WO 2013/075764
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SCHACH Martin

(57) Abstract :
The invention relates to a device for processing containers in particular for printing on containers comprising at least one rotor (1) which has a plurality of processing positions (3) on the rotor circumference thereof and can be driven such as to revolve around a vertical rotor axis or machine axis in a direction of rotation of the rotor and comprising at least one extractor device (6) for extracting foreign materials or contaminants that accumulate during processing wherein said extractor device extends in the direction of rotation of the rotor at least over a part of the rotor circumference and laterally surrounds the rotor (1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.300/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR DETECTING UNBALANCE OF A RIGID ROTOR USING A DYNAMIC BALANCING MACHINE

(51) International classification :G01M1/22
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)Nikhil N. Mane
3)Yashwant. V. Joshi

(57) Abstract :
The present invention provides a Digital Signal Processing (DSP) based unbalance detection system and method for detecting mass unbalance in rigid rotors on hard bearing dynamic balancing machine. The system and method extracts unbalance by using Discrete Fourier Transform (DFT). The unbalance signals are passed through attenuator, voltage follower, DC bias removal stage and then digitally programmable gain amplifier (PGA). The DSP adjusts the gain of the PGA when rotor runs at given service speed and samples simultaneously the vibration signals using on-chip ADCs with an adjustable sampling rate. By extracting fundamental component of the vibration signal corresponding to rotor spinning frequency, the unbalance vectors on both planes are calculated. Further, the unbalance amount and angle on both correction planes are calculated in the plane separation stage and displayed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.322/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DICLOFENAC PREFILLED SYRINGE

(51) International classification	:A61M 3/00, A61K31/00	(71)**Name of Applicant :** **1)AGRAWAL, PAWAN** Address of Applicant :F 22, AKASH TOWER, OPP: PREMCHAND NAGAR, JUDGES BUNGLOW ROAD, SATELLITE, AHMEDABAD-380054, GUJARAT STATE, INDIA **2)AGARWAL, ZAMEER**
(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 :** **1)AGRAWAL, PAWAN** **2)AGARWAL, ZAMEER**
(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 embodiment of the proposed invention relates to Diclofenac prefilled syringe which facilitates sterile and stable drug delivery. The prefilled syringe containing Diclofenac wherein chances of contamination, breakage, subsequent material loss and medical wastage are considerably reduced. The present syringe is prefilled with Diclofenac and hence the drug is not exposed to the atmosphere prior to administration which prevents the drug from contamination. As the vials are not at all required, medical wastage considerably reduces. Also, it results in reduction of costs of vials thereby making the present invention economical.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.343/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMPROVED WINDING DRUM

(51) International classification	:B65H51/22, D04B15/48
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)NAGARSHETH, Ashish A

(57) Abstract :
An improved winding drum (1) for facilitating uniform density, significantly reduced shore hardness and significantly high soft edges of the package characterized in which the angle of reversal (A2) on the winding drum is reduced for facilitating a sharp reversal at reversing point resulting into less deposition of the yarn on the edges while rapid reversal of the yarn at the edges of the package facilitating softer edges of the package with significantly reduced shore hardness on the edges and significantly reduced possibility of stitches and the radius of reversal point (A1) is reduced to minimize the time for which the yarn tends to stay at the reversing point resulting into soft edges of the package.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2013

(21) Application No.470/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SEGMENTING OBJECTS IN MULTIMEDIA DATA

(51) International classification :G06F17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SINHA, Aniruddha
2)CHATTOPADHYAY, Tanushyam

(57) Abstract :
Disclosed is a method for segmenting a plurality of objects from a two-dimensional (2D) video captured through a depth camera and an RGB/G camera. The method comprises detecting camera motion in each 2D frame of the plurality of 2D frames from the 2D video and generate a first set of 2D frames without any camera motion. The method further comprises generating a plurality of cloud points for the first set of 2D frames corresponding to each pixel associated a 2D frames in the first set of 2D frames. The method further comprises generating a 3D grid comprising a plurality of voxels. The method further comprises determining valid voxels and an invalid voxels in the 3D grid. Further, a 3D connected component labeling technique is applied on to the set of valid voxels to segment the plurality of objects in the 2D video.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2013

(21) Application No.129/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL PROCESS FOR THE SYNTHESIS OF (2A,5B,7B,10B,13A)-4-ACETOXY-13-({(2R,3S)-3[TERTBUTOXYCARBONYL)AMINO]-2-HYDROXY-3-PHENYL PROPANOYL}OXY)-1-HYDROXY-7,10-DIMETHOXY-9-OXO-5,20-EPOXYTAX-11-EN-2-YL BENZOATE AND NOVEL POLYMORPHS THEREOF

(51) International classification :C07D305/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)JAIN, RAJESH
2)SIRIPRAGADA, MAHENDER RAO
3)SINGH, JASPAL
4)AHUJA, PARAMJEET SINGH
5)RANA, PRADEEP KUMAR

(57) Abstract :
The present invention is related to a novel process of synthesis of (2a,5(3,7p,10(3,13a)-4-acetoxy-13-({(2R,3S)-3[(tert-butoxycarbonyl) amino]-2-hydroxy-3-phenylpropanoyl}oxy)-l-hydroxy-7,10-dimethoxy-9-oxo-5,20-epoxytax-11-en-2-yl benzoate (Cabazitaxel) and its pharmaceutically acceptable salts. The present invention also relates to novel polymorphic forms of Cabazitaxel.

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

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

(21) Application No.418/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : READY TO USE COMPOSITIONS FOR NON-STEROIDAL ANTI-INFLAMMATORY DRUGS (NSAIDS)

(51) International classification	:A61K31/192, A61K31/137, A61K31/55
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)MR. SURESH PAREEK
2)DR. ASHOK OMRAY
3)MR. VIJAY SHARMA

(57) Abstract :
A dry Ready-to-use, stable, modified release compositions comprising, a mixed matrix of natural gums components having plurality of layers thereby providing controlled release rate of β-blockers or beta-adrenergic blocking agents or their pharmaceutically acceptable salts such as Metoprolol to from formulation/tablet at various dosage strength, a process for production thereof. Solid oral dosage composition further comprises other pharmaceutically acceptable excipients, bulking agents, flavoring agents, coloring agents, additional lubricants and like. Dry composition are applicable to drug, veterinary and agricultural formulation, it could be applied to the retarded release of fertilizers, insecticides or specific protection agents.

No. of Pages : 26 No. of Claims : 16

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

(21) Application No.468/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND COMPOSITION FOR CLEANING HARD SURFACES

(51) International classification :C11D3/00,C11D3/08,C11D3/12
(31) Priority Document No :PCT/CN2011/001655
(32) Priority Date :30/09/2011
(33) Name of priority country :China
(86) International Application No:PCT/EP2012/067918
Filing Date :13/09/2012
(87) International Publication No :WO 2013/045277
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OUYANG Wuye
2)TAO Qingsheng

(57) Abstract :
Disclosed is a method and composition for cleaning hard surfaces and process for making the composition. The method comprises treating the surface with a composition comprising 0.001 to 10 wt. % of a hydrolyzed quaternary silane having three hydroxy ligands and one hydrophilic ligand and/or its oligomer an anionic surfactant and water wherein the hydrophilic ligand is selected from OH SH NH or group having a molar ratio of C: Q less than 3:1 wherein Q is selected from O S N or combination thereof. After treating the hard surface with the method the hard surface has robust water sheeting ability and therefore proving long lasting effect for cleaning.

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

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

(21) Application No.469/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A GAS FLOW REGULATING DEVICE FOR CLEANING A PARTICULATE FILTER

(51) International classification :F01N3/021,F01N3/023,F01N3/022
(31) Priority Document No :PCT/IB2012/001809
(32) Priority Date :26/07/2012
(33) Name of priority country :Argentina
(86) International Application No :PCT/EP2013/001820
Filing Date :20/06/2013
(87) International Publication No :WO 2014/015928
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WAHLSTR–M Gert Ove
3)ST…LFORS Tobias
4)OMERSPAHIC Ervin
5)VERBO Ladislaf

(57) Abstract :
The invention concerns a gas flow regulating device (50) for cleaning a particulate filter (18) said device (50) being configured to be arranged in connection to the filter (18) at a side thereof in a through flow of a gas to be used for cleaning the filter (18). The invention is characterized in that the device (50) is a standalone unit configured to be removably installed in connection with a cleaning process wherein the device (50) comprises a frame (52) defining a gas flow passage and a gas flow regulating element (51) arranged inside the frame (52) wherein the gas flow regulating element (51) is provided with at least one opening (55 55a) for gas through flow and a blocking part capable of blocking a portion of a gas through flow area of the filter (18) such as to force the gas to flow through the at least one opening (55 55a) wherein the gas flow regulating element (51) is movably arranged between at least two different positions and wherein the at least one opening (55 55a) covers different portions of the gas through flow area in said different positions. The invention also concerns an arrangement for cleaning a particulate filter comprising such a device and to a method for cleaning a particulate filter using such a device.

No. of Pages : 34 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/02/2014

(21) Application No.264/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GESTURE RECOGNITION USING INERTIAL SENSORS IN COMBINATION WITH PROXIMITY LIGHT SENSORS

(51) International classification :G06F3/01,G06F3/0346
(31) Priority Document No :61/515821
(32) Priority Date :05/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049361
Filing Date :02/08/2012
(87) International Publication No :WO 2013/022712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BEVILACQUA Mathew W.
2)HARRAT Newfel
3)SHEYNBLAT Leonid

(57) Abstract :
Example methods, apparatuses, or articles of manufacture are disclosed that may be utilized, in whole or in part, to facilitate or support one or more operations or techniques for gesture detection using, at least in part, output or measurement signals from one or more ambient environment sensors, such as, for example, a proximity sensor or ambient light sensor.

No. of Pages : 49 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.338/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOCKING MECHANISM FOR PREVENTING UNAUTHORIZED ACCESS TO VEHICLES

(51) International classification	:E05B53/00, F16C1/02, F16C1/00, E05B65/2
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)NISHANT GUPTA
2)HIMANSHU JAIN

(57) Abstract :
The present invention provides an interlocking mechanism for an automatic transmission vehicle for preventing unauthorized access to the vehicle. The interlocking mechanism comprises an actuator, a plunger, a guide plate, a cam, a rotor and a spring. The interlocking mechanism of the present invention is electronically operated and prevents un-intended rotation of the rotor when a gear shift lever of the vehicle is in non-parking position.

No. of Pages : 11 No. of Claims : 2

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

(21) Application No.338/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BENDING INSENSITIVE SINGLE MODE OPTICAL FIBRE

(51) International classification :G02B6/036,C03B37/027,C03B37/018
(31) Priority Document No :201210006783.5
(32) Priority Date :10/01/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/086975
Filing Date :20/12/2012
(87) International Publication No :WO 2013/104244
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)WU Yiwen
3)GUO Haolin
4)ZHANG Jinyan
5)WANG Ruichun
6)MATAI Raadjkoemar

(57) Abstract :
Disclosed is a bending insensitive single mode optical fibre which comprises a core and a cladding. The diameter of the core is 7.0 7.9 μm and the relative refractive index difference of the core is 4.6 X 10 6.0 X 10. The cladding outside the core comprises an inner cladding a hollow outer cladding and an outer cladding in sequence from inside to outside. The diameter of the inner cladding is 15 17 μm and the relative refractive index difference of the inner cladding is 3 X 10 3 X 10. The diameter of the hollow outer cladding is 24 33 μm and the relative refractive index difference of the hollow outer cladding is 2.9 X 10 7.3 X 10. The relative refractive index difference of the hollow outer cladding changes in gradient and gradually increases from outside to inside. The relative refractive index difference at the outermost interface is smaller than the relative refractive index difference at the innermost interface. By optimizing the cross section of the optical fibre the present invention not only has a lower additional bending loss a stable mechanical performance and a uniform material composition but also reduces the diameters of the inner cladding and the hollow outer cladding on the basis of keeping effective mode field diameters and bending properties thereby reducing the manufacturing costs of the optical fibre.

No. of Pages : 28 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.484/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AQUEOUS SUSPENSIONS OF CALCIUM CARBONATE COMPRISING MATERIALS WITH LOW DEPOSIT BUILT UP

(51) International classification :C02F1/52
(31) Priority Document No :11188758.4
(32) Priority Date :11/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/071905
Filing Date :06/11/2012
(87) International Publication No :WO 2013/068334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GANE Patrick A. C.
2)RENTSCH Samuel
3)BURI Matthias

(57) Abstract :
The present invention concerns an anti deposit additive and a deposit and/or corrosion reducing aqueous slurry containing a calcium carbonate containing material. In particular the present invention is directed to the use of at least one anionically charged comb polymer as an anti deposit agent in an aqueous slurry comprising a calcium carbonate containing material.

No. of Pages : 46 No. of Claims : 23

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

(21) Application No.454/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIGHT MIXTURE

(51) International classification :G02B6/42,A61C19/00
(31) Priority Document No :11184195.3
(32) Priority Date :06/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/069830
Filing Date :08/10/2012
(87) International Publication No :WO 2013/050587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SENN Bruno

(57) Abstract :
The invention relates to a light mixing assembly for a medical or dental illumination device in particular for a light hardening device for polymerising dental masses. Said device comprises a housing having a light generating device in addition to an optical wave guide. Said light mixing assembly (2) comprises a rod shaped light mixing body (8) preferably with at least one transparent material in particular glass and a holding device (7) which enables the light mixing device (2) to be mounted between the light generating device (1) and the optical wave guide (3) and is held in position in a detachable manner from the optical wave guide.

No. of Pages : 26 No. of Claims : 18

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

(21) Application No.455/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF LOCATING AN EVENT TRANSMITTING A SIGNAL

(51) International classification :G01S5/00,G01S5/22,G01R31/08
(31) Priority Document No :1158365
(32) Priority Date :20/09/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/068441
Filing Date :19/09/2012
(87) International Publication No :WO 2013/041566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LEBRETON Rapha«l

(57) Abstract :
The invention concerns a method and device for locating an event transmitting a signal comprising a set of sensors (A A) to measure response times of said signal and processing means (3) to solve a system of equations defining distances between said sensors and said event according to a propagation velocity of said signal and an offsetting of said response times in relation to a reference time the device further comprising: processing means (3) to reinitiate a plurality of times the resolution of the system of equations each time modifying the response time of at least one of said sensors according to a local variation and processing means (3) to determine the location of the event according to the positions obtained from the various resolutions of the system of equations.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/02/2013

(21) Application No.510/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTI STAGE ELECTROCHEMICAL EFFLUENT TREATMENT

(51) International classification	:C02F1/48, C02F1/00, C02F1/34, C02F1/76,
(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

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(72)**Name of Inventor :**
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(57) Abstract :
The present Electrochemical treatment invention relates to the improved performance with the possibility of giving improved treatment. It offers more comprehensive electrochemical treatment facility and capability with a singular or multiple combined, sequential electrochemical unit operations. It has the potency to destroy and or remove bio degradable, bio-stable compounds, colour, odour, suspended solids, turbidity, toxicity, microorganisms and significantly reduce undesirable, non-specific contaminant concentration. The process can be extensively used to treat waste water including industrial, domestic, municipal, hospital, hotels, restaurants, poultry, slaughter house, urban or non-urban sewage, cooling tower water, boiler feed water, potable water, process water or any other aqueous waste with the process of Electrolysis.

No. of Pages : 18 No. of Claims : 2

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

(21) Application No.511/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A COLD WATER TANK FOR REFRIGERATOR

(51) International classification	:F25D23/00, F24H4/04, F25B29/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)Ashish Devidas Matkar
3)Shivaji Ramdas Shelke
4)Amit Ambadas Avhale
5)Chetan Khanna
6)Abhijit Ganu
7)Dheeraj Kumar
8)Sumit Singh
9)Mehek Sharma

(57) Abstract :
Present invention relates to a refrigerator having a water dispenser system. The refrigerator comprising a storage tank placed inside the refrigerator, wherein the storage tank comprises a modular structure to store water at an optimum temperature; a dispensing system placed outside the refrigerator, wherein the dispensing system is in connection with the storage tank. The modular structure can be multiple finger tank with scooped structure and aerodynamics shape, multiple finger tank, tank with a rear slot and the like. The storage tank with modular structure provides better cooling, maximum surface area, high air flow from rear etc. The storage tank has a specially designed lid on its top which helps user to pour water directly to the storage tank.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.370/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DUAL AXIS TRACKING SYSTEM FOR SOLAR PHOTOVOLTAIC APPLICATION

(51) International classification	:H02J7/00, H01L31/052, G01J1/02, F24J2/5
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)MR. JASPALSINGH SURI
3)MR. NILESH J. PATEL

(57) Abstract :
This invention is aimed to a new revolutionary technique in Solar Photovoltaic System, having distinguishing characteristics and novel features with compare to prior art. The purpose of the invention is to improve the accuracy of sunlight tracking and to increase the quantum of energy generated from sunlight. The tracking system tracks the sunlight in both east-west and north-south directions and guide the Solar Photovoltaic Surface to move in best direction to collect maximum sunlight. The east-west tracking keeps watch on sun travelling during day time. While the north-south tracking keeps watch on sun travelling during entire year. Further the wind tracking system keeps watch on speed / strength & direction of the wind flow to prevent the Solar Photovoltaic System from any damage from wind flow. Further, the invented technique is enabling the easy and error free onsite installation of Solar Photovoltaic System.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/02/2013

(21) Application No.450/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTELLIGENT TESTING SYSTEM AND METHOD

(51) International classification	:G09B19/00, A61B5/16, A61B10/00, G06T7/0
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)R, Deivasigamani
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5)BHATNAGAR, Suraj Kumar
6)PARIHAR, Bhavesh
7)SINGH, Surya
8)MATHUR, Ratnesh

(57) Abstract :
Disclosed is an intelligent testing system and method for automatic software application testing. The disclosed invention provides an intelligent system and method for providing end-to-end automation of application testing by reduced dependency on testing components and binding of test cases with intelligence data provisioning. The automation in testing and Quality Assurance is assured for all layers of a multitier architecture-front end, middleware and backend.

No. of Pages : 43 No. of Claims : 14

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

(21) Application No.450/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THICKENING VINYL COPOLYMERS

(51) International classification :C08F120/18,C08L33/14,C08F265/06
(31) Priority Document No :1116659.2
(32) Priority Date :28/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/068731
Filing Date :24/09/2012
(87) International Publication No :WO 2013/045376
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIMER Adam John
3)VETHAMUTHU Martin Swanson

(57) Abstract :
A rheology modifier copolymer of formula (I) wherein A is a macromonomer B is an acrylic or methacrylic acid or salt thereof C is a C C ester of (meth)acrylic acid D is an associative monomer and when present E is a crosslinking monomer.

No. of Pages : 28 No. of Claims : 11

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

(21) Application No.451/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THICKENING VINYL COPOLYMERS

(51) International classification :C08F220/06,C08F220/28,C08F222/06
(31) Priority Document No :1116660.0
(32) Priority Date :28/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/068732
Filing Date :24/09/2012
(87) International Publication No :WO 2013/045377
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIMER Adam John
3)COURTOIS Jean Philippe Andre Roger
4)VETHAMUTHU Martin Swanson

(57) Abstract :
A rheology modifier copolymer of formula (I) wherein A is a polyacidic vinyl monomer selected from maleic fumaric itaconic citraconic and acid combinations thereof and anhydrides and salts thereof B is an acrylic or methacrylic acid or salt thereof; C is a C C ester of (meth)acrylic acid; D is an associative monomer; and optionally E is a crosslinking monomer.

No. of Pages : 22 No. of Claims : 7

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

(21) Application No.560/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR DISTILLING OR THICKENING FLUIDS

(51) International classification :B01D1/00,H05B6/00,B01D19/00
(31) Priority Document No :P398120
(32) Priority Date :15/02/2012
(33) Name of priority country :Poland
(86) International Application No :PCT/PL2013/000018
Filing Date :15/02/2013
(87) International Publication No :WO 2013/122490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PLAZMATRONIKA NT Sp. z.o.o.
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(72)**Name of Inventor :**
1)APIECIONEK Robert
2)CIOSKA Tomasz

(57) Abstract :
A device (100) for distilling or thickening fluids having a chamber (102) an electromagnetic radiation generator (104) and a waveguide (106) connecting the electromagnetic radiation generator (104) with the interior of the chamber (102). The device (100) has a channel (108) located below the end (110) of the waveguide (106) the channel being adapted for transporting the fluid. One end of the channel (108) is the inlet (112) and the other end of the channel (108) is the outlet (114) for the fluid the channel being shaped so as to prolong the dwell time of the fluid in the chamber (102). A method for distilling or thickening fluids based on passing the fluid through a chamber (102) within which the fluid is affected by electromagnetic radiation generated by an electromagnetic radiation generator (104) and the fluid flows through the chamber within a channel (108) located below the end (110) of a waveguide (106) transmitting the electromagnetic radiation from the generator (104) the channel (108) being shaped so as to prolong the dwell time of the fluid within the chamber (102)

No. of Pages : 15 No. of Claims : 18

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

(21) Application No.470/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SURGICAL INSTRUMENT

(51) International classification :A61B17/88,A61B17/86
(31) Priority Document No :10 2011 053 848.8
(32) Priority Date :22/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/068249
Filing Date :17/09/2012
(87) International Publication No :WO 2013/041488
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)COMBROWSKI Zbigniew

(57) Abstract :
The invention relates to a surgical instrument (1 12) for introducing an implant comprising a shaft (2) wherein the shaft is suitable for accommodating the implant in particular a screw (9 15) having a cannula (4) at the proximal end of the shaft wherein the shaft (2) has a cannulation and a handle (3) which is connected to the shaft (2) at a distal end of the shaft (2). According to the invention the shaft (2) has a slit (6).

No. of Pages : 50 No. of Claims : 13

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

(21) Application No.471/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIGHT SOURCE USING A PHOTOLUMINESCENT PLATE

(51) International classification :F21S2/00,F21V8/00,F21V9/10
(31) Priority Document No :2350/MUM/2011
(32) Priority Date :19/08/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/054214
Filing Date :20/08/2012
(87) International Publication No :WO 2013/027170
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GANU Sanat
2)KANADE Udayan

(57) Abstract :
A light source using a photoluminescent plate is disclosed. A point light source such as an LED sources light into a linear light guide which in turn deflects light into a surface light guide which creates a surface of light by light extraction. One or more photoluminescent plates are situated between the linear and surface light guides converting wavelengths of some of the light. In an embodiment the photoluminescent plates can move changing the wavelength conversion effect.

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

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

(21) Application No.472/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SIMPLIFIED RADIOSYNTHESIS OF [18F]FLUOROMETHYL BROMIDE

(51) International classification :C07C17/20,C07C19/14,C07C17/383
(31) Priority Document No :11178907.9
(32) Priority Date :25/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066621
Filing Date :27/08/2012
(87) International Publication No :WO 2013/026941
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PIRAMAL IMAGING SA
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(72)**Name of Inventor :**
1)GRAHAM Keith

(57) Abstract :
This invention relates to an improved radiosynthesis of [F]fluoromethyl bromide whereby the distillation step has been improved to remove higher amounts of the dibromomethane radiolabeling precursor.

No. of Pages : 26 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.576/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF PRODUCTION OF SPONGY TITANIUM

(51) International classification :C22B5/00
(31) Priority Document No :UA A2012 09519
(32) Priority Date :06/08/2012
(33) Name of priority country :Ukraine
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SUSHCHYNS'KY OLEKSIY DMYTROVYCH
5)SYDORENKO SERGIY ANDRIYOVYCH

(57) Abstract :
This invention relates to the non-ferrous metallurgy, in particular to technology of production of spongy titanium by magnesium thermal reduction of titanium tetrachloride. Method of production of spongy titanium, including chlorinating of preliminary prepared titanium raw material, which contains titanium dioxide, in presence of carbon as a carbon containing reducing agent, at the salt chlorinating installation in the melt of chlorous salts fixing admixtures of metals (Fe, Mg, Al), with the production of technical titanium tetrachloride, refining of technical titanium tetrachloride from the admixtures in columns with the production of the refined titanium tetrachloride and precipitation of admixtures in the mixture with the titanium tetrachloride in a form of an easy boiling distillate and distillation residue of the columns, treatment of the distillation residue with extraction of titanium tetrachloride and production of product which contains vanadium, magnesium thermal reduction of the refined titanium tetrachloride in the apparatus of magnesium reduction to the production of a reaction mass and melt of circulating magnesium chloride, vacuum separating of the reaction mass with the production of blocks of spongy titanium and magnesium condensate, electrolysis of circulating magnesium chloride in electrolysis apparatus with the production of raw magnesium and anode chlorine gas, refining of raw magnesium with the production of magnesium for reduction of the refined titanium tetrachloride, and also cutting up and treatment blocks of spongy titanium with the production of commodity spongy titanium, wherein when chlorinating, the content of chlorous salts fixing the admixtures of metals (Fe, Mg, Al) in melt is maintained with molar ratio 2.1 - 2.8 to the being formed chlorides of iron, magnesium and aluminium, herein mass ratio of carbon to titanium dioxide in melt of salts is 0.15 - 5.0, where the amount of the taken away easy boiling distillate is regulated by the temperature at the top of the column and is chosen in the range of 120 - 132°C, and then the easy boiling distillate is returned back for treatment in the process of chlorinating and is loaded in a chlorinator in an amount no more than 5 % of the mass of the technical titanium tetrachloride produced. Technical result is that the degree of purity and accordingly, the quality of the produced spongy titanium are improved. 1 i. p. of claims.,

No. of Pages : 17 No. of Claims : 1

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

(21) Application No.330/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FUEL TANK CAP LOCK WITH A REDUCED NUMBER OF COMPONENTS

(51) International classification :E05B65/12,E05C19/02,B60K15/05
(31) Priority Document No :10 2011 108 154.6
(32) Priority Date :22/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/000718
Filing Date :14/07/2012
(87) International Publication No :WO 2013/013654
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KIEKERT AKTIENGESELLSCHAFT
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(72)**Name of Inventor :**
1)BASAVARAJAPPA Madhu S.
2)WAHMANN Hendrik

(57) Abstract :
The invention relates to a lock for a fuel tank cap or tailboard in a vehicle, comprising a locking bolt (1) which can be adjusted between an open and a closed position by opening and closing the cap or tailboard. Said fuel tank cap lock, in the housing (2) of the lock, is positively driven counter to the force of a compression spring (4) in the direction of its longitudinal axis (6) and about its longitudinal axis.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/03/2014

(21) Application No.458/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIQUID FILTER

(51) International classification :B01D35/16,B01D36/00,F16K24/02
(31) Priority Document No :10 2011 113 830.0
(32) Priority Date :21/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/067254
Filing Date :05/09/2012
(87) International Publication No :WO 2013/041371
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STURGESS Christopher Marc

(57) Abstract :
A liquid filter (10) for a liquid especially for a fuel especially a diesel fuel especially for an internal combustion engine especially in a motor vehicle is described. A housing (12) has in the normal operating position of the liquid filter (10) at the bottom in spatial terms at least one outlet line (19) for liquid present in the housing (12) and at least one vent line (28). A closure element (34) for the at least one outlet line (19) and the at least one vent line (28) is arranged on the outside at the bottom of the housing (12) in rotatable and/or insertable form. On the outside of the housing (12) are an outlet housing stub (18) having the at least one outlet line (19) or the at least one vent line and a ring space stub (24) surrounding the latter radially and coaxially on the outside these defining a ring space (26). The ring space (26) is connected to the at least one vent line (28) or the at least one outlet line. The closure element (34) has a liquid collecting pot (36) the open side of which faces the housing (12) and at the base (42) of which is arranged on the inside a closure stub (40) fitting into the ring space (26). The closure stub (40) secures the closure element (34) for opening and closure in a movable coaxial manner at least in the axial direction (21) on the outlet housing stub (18). At the base (42) of the fluid collecting pot (36) is arranged a sealing region (50) which continuously surrounds the outlet housing stub (18) radially on the outside and this in the closed state of the closure element (34) interacts with the free end of the ring space stub (24) to give indirect or direct sealing. The fluid collecting pot (36) has at least one outlet opening (56) for the liquid radially on the outside of the sealing region (50).

No. of Pages : 20 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.579/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AXLE LOAD MONITORING SYSTEM (ALMS)

(51) International classification	:G01G19/08, B60G9/00, G01G3/00, G01G3/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)Bhan Pratap Singh Sengar
3)Rohit Tikekar
4)Abhijit Vyankatesh Nilangekar
5)Ajay Gangadhar Guddeti

(57) Abstract :
An axle load monitoring system configured for use on an axle housing is provided. The axle load monitoring system can include a mounting structure and a strain gauge. The mounting structure can have a first end portion, a second end portion and an intermediate portion. The first end portion can be fixedly coupled to the axle housing. The second end portion can be fixedly coupled to the axle housing. The intermediate portion can be offset away from the axle housing. The strain gauge can be fixedly coupled to the mounting structure at the intermediate portion. The strain gauge can be configured to measure strain of the mounting structure.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.233/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOCATION IDENTIFICATION DEVICE LOCATION IDENTIFICATION METHOD AND PROGRAM

(51) International classification :G08G1/09,G01C21/28,G01S5/02
(31) Priority Document No :2011-210715
(32) Priority Date :27/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074532
Filing Date :25/09/2012
(87) International Publication No :WO 2013/047503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)IEHARA Masato
2)MABUCHI Yoshihiro

(57) Abstract :
In the present invention, a location identification unit (7) calculates a location indicated by a weighted average of an estimated location and a beacon location as the location of the device itself. As a result, it is possible to reduce error resulting from an emission range of a carrier wave by a beacon in order to identify the location at which the device itself exists.

No. of Pages : 41 No. of Claims : 10

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

(21) Application No.473/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHARMACY PICKING DEVICE COMPRISING A UNIVERSAL SUPPLY AND CONTROL MODULE

(51) International classification :B65G1/137
(31) Priority Document No :11183529.4
(32) Priority Date :30/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/066086
Filing Date :17/08/2012
(87) International Publication No :WO 2013/045173
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HELLENBRAND Christoph

(57) Abstract :
The invention relates to a pharmacy picking device (1) comprising a housing (10) with a plurality of shelf bases (11) disposed one above the other at least one operating device (12) a conveyor device (14) a housing coupling interface (15) and a universal supply and control module (20). This universal supply and control module (20) comprises a feed device (21) an identification and measurement device (22) operator input/output devices (23) an electronic controller (24) and a voltage supply assembly (25) as well as a housing coupling interface (15) and an electrical interface (27) said supply and control module (20) being arranged adjacent to the housing (10) such that a mechanical coupling is produced by said housing coupling interface (15) and module coupling interface (26) in such a manner that drug packages in or on the supply and control module (20) which are to be deposited are delivered to a position on the conveyor device (14) which is known to the electronic controller.

No. of Pages : 20 No. of Claims : 8

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

(21) Application No.474/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FISH FARMING PLANT MODULE METHOD AND USE

(51) International classification :A01K61/00,A01K63/00
(31) Priority Document No :20111316
(32) Priority Date :28/09/2011
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2012/050185
Filing Date :27/09/2012
(87) International Publication No :WO 2013/048259
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PRELINE FISHFARMING SYSTEM AS
Address of Applicant :Krabberudkollen 20 N 3960 Stathelle Norway
(72)**Name of Inventor :**
1)MAAB˜ Rune

(57) Abstract :
The present invention relates to a fish farming plant (1) adapted for floating in free water. The plant comprises a substantially vertical inlet pipe (3) and a corresponding outlet pipe (4) for taking in and discharging water respectively at a water depth having the desired water quality at a depth (h). A substantially horizontal residential compartment (30) of an accommodation assembly (2) has an inlet end and an outlet end. Lattices (7 8) are provided at these ends. Also provided at said ends are angled end sections for connecting the inlet pipe (3) outlet pipe (4) and residential compartment (30). The plant also comprises at least one means for providing water flow through the residential compartment (30). The invention further includes a module for a residential compartment of a fish farming plant a method for manufacturing an accommodation assembly (2) use of such a fish farming plant (1) for smolt as well as a method for emptying such a fish farming plant (1).

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.580/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STORAGE EFFICIENCY WITHIN CLUSTERED SYSTEMS

(51) International classification :G06F11/34
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SARAN, Ankur

(57) Abstract :
Disclosed herein is a system and a method for deduplication of a plurality of data blocks by storing unique single instance of the data block across a clustered system. A global fingerprint database and a plurality of slave node(s) are further disclosed. Global fingerprint database stores fingerprint of all the data blocks. For any incoming data block having a non matching fingerprint of the incoming data block, the global fingerprint database is updated with a fingerprint of the non matching data block. Whereas for any incoming data block having a matching fingerprint, redundant data block is removed, thereby creating unique single instance of the data block. Searching of the matching or non matching fingerprint of the incoming data block by respective slave node(s) is simultaneously undertaken by other available slave node(s) in the clustered system. This leads to efficient utilization of CPU of the available slave node(s).

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.480/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SOLAR COLLECTOR UNIT AND A METHOD OF PROVIDING SUCH A SOLAR COLLECTOR UNIT

(51) International classification :F24J2/10,F24J2/14,F24J2/54
(31) Priority Document No :PA 2011 00640
(32) Priority Date :25/08/2011
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2012/050308
Filing Date :24/08/2012
(87) International Publication No :WO 2013/026456
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LEHMANN Kim Nichum

(57) Abstract :
The solar collector unit (2) is adapted for reflecting light onto a receiver(3) and comprises a reflector element (21) and a support structure (22) supporting the reflector element. The reflector element is flexible and comprises a reflective surface and a substrate having a predefined length and width. The support structure comprises a predefined number of profiles per length unit connected to the reflector element at a distance from each other to provide a predefined shape of the solar collector unit. The number of profiles per length of substrate may be varied and lies in the interval 3 to 12 preferably 4 to 10 most preferred 5 to 8 per 2000 mm of length of the substrate.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.481/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RFID CHIP MODULE

(51) International classification :G06K19/077
(31) Priority Document No :11178848.5
(32) Priority Date :25/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065433
Filing Date :07/08/2012
(87) International Publication No :WO 2013/026697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Kehrsitenstrasse 23 CH 6362 Stansstaad Switzerland
(72)**Name of Inventor :**
1)BHLER Stephan

(57) Abstract :
A chip module comprises a carrier having a first main surface and a second main surface opposite to the first main surface. A first recess structure is arranged in the carrier in the first main surface and a chip is arranged in the first recess structure of the carrier. A patterned metallization layer is deposited on the second main surface of the carrier the metallization layer having a first metallization structure and a second metallization structure the first metallization structure being electrically isolated from the second metallization structure. The chip is electrically connected to the first metallization structure and the second metallization structure. The chip module comprises in particular an RFID chip and is suited to be connected to a textile substrate by way of laser reflow soldering.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.482/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COIL SYSTEM OF A MAGNETICALLY INDUCTIVE FLOW METER

(51) International classification :G01F1/58
(31) Priority Document No :10 2011 083 548.2
(32) Priority Date :27/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/066033
Filing Date :16/08/2012
(87) International Publication No :WO 2013/045170
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GRAF Oliver

(57) Abstract :
The invention relates to a coil system (2) for a magnetically inductive flow meter comprising a coil (3) and coil cores (6 7) which are introduced though the coil (3) and which have the same shape and size. Each coil core (6 7) has a first and a second segment (9 10) which are interconnected in an L shape. At least one first coil core (6) and one second coil core (7) are introduced into the coil (3) such that the first section (9) of the first coil core (6) and the first section (9) of the second coil core (7) extend parallel to each other and that the second section (10) of the first coil core (6) and the second section (10) of the second coil core (7) extend parallel to each other. The second section (10) of the first coil core (6) and the second section (10) of the second coil core (7) are arranged on different sides of the coil (3).

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2013

(21) Application No.590/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MAXILLARY ˜M™ WAX SPACER FOR FINAL IMPRESSION MATERIAL IN COMPLETE DENTURE

(51) International classification	:A61C13/00, A61C8/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DR. SIDDHARTH YUVRAJ GOSAVI
2)DR. SULEKHA SIDDHARTH GOSAVI
3)1. DR. VISHAL MOHAN KALE

(57) Abstract :
The maxillary ˜m™ wax spacer for final impression material in complete denture is a wax spacer on maxillary edentulous arch considering the resorption pattern and stress distribution in maxilla. In this, two different thickness of spacer are used and adapted in two steps. First layer of 0.2 mm spacer wax covering the whole maxillary arch and keeping 4 mm short of sulcus. Over that second layer of 1mm thick wax covering only the crest of ridge, the buccal and labial slopes of the ridge, incisive papilla and mid palatine raphe is adapted. This design will overcome the resorption pattern of the maxilla and distribute the stress only on stress bearing areas in the maxilla which will benefit to the overall prognosis of the arch and well-being of the patient.

No. of Pages : 11 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2014

(21) Application No.235/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TERMINAL DEVICE AND BUFFER PARTITIONING METHOD

(51) International classification :H04W72/04,H04W28/04
(31) Priority Document No :2012-158677
(32) Priority Date :17/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/003643
Filing Date :11/06/2013
(87) International Publication No :WO 2014/013668
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
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(72)**Name of Inventor :**
1)OIZUMI Toru
2)NISHIO Akihiko

(57) Abstract :
Provided is a terminal device with which hybrid automatic repeat request (HARQ) coding gain for all downlink (DL) HARQ processes can be achieved even if uplink DL configurations differ among a plurality of unit bands. In this device a decoder (210) stores in a retransmission buffer downlink data transmitted using each of a plurality of unit bands and decodes the downlink data and a wireless transmitter (222) uses a first unit band among the plurality of unit bands to transmit a response signal for first downlink data received using the first unit band and a response signal for second downlink data received using a second unit band. A second buffer for storing second downlink data is partitioned into regions for each retransmission process on the basis of a specific value determined using a combination of a first configuration pattern set for the first unit band and a second configuration pattern set for the second unit band.

No. of Pages : 101 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2013

(21) Application No.2540/MUM/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL POLYHERBAL COMPOSITION KIT FOR WEIGHT MANAGEMENT.

(51) International classification	:A61K36/708, A61K36/59
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)MR. YOGESH B. CHIMANPURE
2)DR. RAHUL SOMANI
3)MR. BHARATBHUSHAN SHRIKHANDE
4)MISS. NEERAJA SABNIS

(57) Abstract :
The invention discloses a novel polyherbal kit comprising of various dosage forms comprising combination of various herbs and minerals, wherein the dosage forms are arranged in the kit in a fixed sequence corresponding to the stages of daily oral administration, the arrangement being such as to dictate administration of one of the composition/dosage forms and wherein the kit is useful for the management of weight and obesity.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/01/2013

(21) Application No.3625/MUM/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL APPROACH FOR CARBON DIOXIDE SEQUESTRATION: CARBON DIOXIDE FIXING CHIMNEY

(51) International classification	:C12M1/00, C12M1/38, C12N1/10, C12N1/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GAYATRI ASHWINKUMAR DAVE

(57) Abstract :
The present invention relates to a novel approach for sequestration of carbon dioxide emerging from chimneys of various industries, thereby contributing to environment protection from harmful effect of carbon dioxide gases. The present invention discloses a novel chimney designed along with biological approach for sequestration of carbon dioxide. The present invention also encloses the process of sequestration of carbon dioxide using the novel chimney.

No. of Pages : 21 No. of Claims : 7

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

(21) Application No.488/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : (THIENO[2 3 B][1 5]BENZOXAZEPIN 4 YL)PIPERAZIN 1 YL COMPOUNDS AS DUAL ACTIVITY H1 INVERSE AGONISTS/5 HT2A ANTAGONISTS

(51) International classification	:C07D498/04,A61K31/5513,A61P25/04
(31) Priority Document No	:61/528893
(32) Priority Date	:30/08/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/051833 :22/08/2012
(87) International Publication No	:WO 2013/032804
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)ELI LILLY AND COMPANY
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(72)**Name of Inventor :**
1)LEDGARD Andrew James

(57) Abstract :
A dual H1 inverse agonist/5 HT receptor antagonist of the formula (I) its uses and methods for its preparation are described.

No. of Pages : 31 No. of Claims : 16

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

(21) Application No.489/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SELECTIVE ANDROGEN RECEPTOR MODULATORS

(51) International classification :C07D307/22,C07D309/14,C07C255/58
(31) Priority Document No :61/546711
(32) Priority Date :13/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058824
Filing Date :05/10/2012
(87) International Publication No :WO 2013/055577
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SAEED Ashraf
3)GREEN Jonathan Edward
4)KRISHNAN Venkatesh
5)MATTHEWS Donald Paul
6)STEPHENSON Gregory Alan

(57) Abstract :
The present invention provides novel selective androgen receptor modulators and their salts and pharmaceutical compositions thereof.

No. of Pages : 97 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2013

(21) Application No.596/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD TO PROVIDE GROUPING AND ANALYSIS OF ONE OR MORE STATIC WARNINGS

(51) International classification	:G06F9/45, G06F9/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MUSKE , Tukaram B
2)BAID, Ankit
3)SANAS, Tushar Rohidas

(57) Abstract :
Disclosed is method and system providing grouping of one or more warnings generated during static analysis. The system comprises an analyzing module, an identification module, a grouping module and a computation module. The analyzing module analyzes an application code in order to generate one or more warnings. The identification module is configured to identify the warnings so generated, based on similarity of the warnings or such that the expression of interests (EOIs) of the warnings identified have same operators appearing in same order and the EOI variables related by their position in the EOIs get values from same modification points. The grouping module forms one or more groups of the warnings identified. The computation module is configured to compute a representative warning from groups of the warnings formed based on similarity, such that the representative warning and warnings other than the representative warning follow certain relationship in their review judgments.

No. of Pages : 37 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2013

(21) Application No.274/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR COLLECTION AND DISPOSAL OF TRAIN TOILET WASTE

(51) International classification	:B61D 35/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BHOIR, Vasant Bhagwan

(57) Abstract :
The present invention in a broad aspect provides systems and methods for collection and disposal of train toilet waste, wherein the system comprises, - a housing capable of receiving toilet waste from at least two toilets of a train through at least two inlets and capable of disposing of the toilet waste through at least two outlets; wherein the at least two inlets are connected to the at least two toilets through at least two receiving pipes, and wherein the at least two outlets are capable of being operationally connected to a waste treatment unit through at least two releasing pipes, and wherein the waste treatment unit is situated in a waste treatment station which is fixed in a particular geographical location, and wherein the toilet waste released in the waste treatment unit is disposed off through a waste disposal mechanism.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.344/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANTIBACTERIAL HOMOPIPERIDINYL SUBSTITUTED 3 4 DIHYDRO 1H [1 8]NAPHTHYRIDINONES

(51) International classification	:C07D471/04,A61K31/4375,A61P31/04
(31) Priority Document No	:11177115.0
(32) Priority Date	:10/08/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/065729 :10/08/2012
(87) International Publication No	:WO 2013/021051
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GUILLEMONT Jer´me Emile Georges
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3)MOTTE Magali Madeleine Simone
4)KOUL Anil
5)BALEMANS Wendy Mia Albert

(57) Abstract :
The present invention is related to novel compounds of formula (I) that inhibit the activity of the FabI enzyme which are therefore useful in the treatment of bacterial infections. It further relates to pharmaceutical compositions comprising these compounds and chemical processes for preparing these compounds.

No. of Pages : 55 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2013

(21) Application No.399/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL FLOATING MOUTH-DISPERSING GRANULES OF MICRONISED EGGSHELL & STABILIZED VITAMIN D3

(51) International classification	:A61K31/185, A61K31/59, A61K47/16, A61K3
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)PATIL, NIRANJAN VIJAY
5)PATEL, HIREN MANJI
6)SIKDAR, MRINAL VIVEKANAND
7)SARANGI, MANOJKUMAR
8)PATIL, AJIT HASHA
9)KUMBHAR, AMIT RAMCHANDRA
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4)PATIL, NIRANJAN VIJAY
5)PATEL, HIREN MANJI
6)SIKDAR, MRINAL VIVEKANAND
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8)PATIL, AJIT HASHA
9)KUMBHAR, AMIT RAMCHANDRA

(57) Abstract :
The present invention relates to mouth-dispersing granules of micronised Eggshell & Vitamin D3, which do not require water for oral administration. The invention further relates to floating, gastroretentive mouth-dispersing granules of micronised Eggshell & stabilized Vitamin D3. The mouth-dispersing granules of micronised Eggshell of the present invention, can be used as an antacid, a calcium supplement and for treatment of gastroesophageal reflux disease (GERD).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.478/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FUEL CELL SYSTEM

(51) International classification :H01M8/24,H01M8/04
(31) Priority Document No :1116457.1
(32) Priority Date :23/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052349
Filing Date :21/09/2012
(87) International Publication No :WO 2013/041883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)HOOD Peter David
3)KIRK Christopher James

(57) Abstract :
A fuel cell system that operates as its own hydrogen leak detector. The system comprises a fuel cell including at least one cathode and a cathode conduit for passage of oxidant gas through or over the cathode and a housing containing said fuel cell and defining a plenum around the fuel cell. A ventilation system is configured to force air from the plenum into the cathode conduit and a control system is configured to monitor the fuel cell voltage and to detect a drop in voltage attributable to the presence of hydrogen in the cathode conduit. The system may include multiple fuel cells in a stack. The control system may comprise a cell voltage monitoring system for determining the actual voltage of the fuel cell or of one or more cells in the fuel cell stack and a processor for receiving inputs indicative of the operating conditions of the fuel cell or fuel cell stack. The processor is thus configured to determine an expected voltage of the one or more fuel cells being monitored to determine whether the difference between the actual voltage and the expected voltage exceeds a predetermined threshold indicative of a predetermined level of hydrogen in the cathode conduit.

No. of Pages : 12 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.479/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CELL VOLTAGE MONITORING CONNECTOR SYSTEM FOR A FUEL CELL STACK

(51) International classification :H01M8/02,H01M8/24,H01M8/04
(31) Priority Document No :1116283.1
(32) Priority Date :21/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052326
Filing Date :20/09/2012
(87) International Publication No :WO 2013/041869
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)CLARK John Frederick
3)PEART Richard Albert
4)JONES Mark Llewellyn

(57) Abstract :
An electrical connection system for cell voltage monitoring in a fuel cell stack. The fuel cell stack comprises a plurality of layers and a plurality of electrically conductive connection tabs extending outwardly from at least one face of the stack. The electrically conductive connection tabs are each formed as a laterally extending free portion of a flexible sealing gasket. Other portions of the gasket are disposed to provide sealing engagement between at least two layers of the fuel cell stack. By using the gasket material to form such electrical connection tabs rather than flow plates the connection tabs are made flexible to make it easier to connect to standard arrays of connectors in connector assemblies.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2013

(21) Application No.530/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTINUOUS PROCESS FOR BAKING OF CURED FRICTION MATERIAL USING ELECTROMAGNETIC ENERGY

(51) International classification	:C08J5/14, C08L61/10, C08L61/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)GOYAL PRADEEP VEDPRAKASH
2)BORKAR SHIVANAND AMBIK ACHARAN
3)JAISWAL RITESH

(57) Abstract :
The invention discloses a continuous process for rapid baking of molded articles of any desired shape of cured composite materials by using electromagnetic radiations such as microwaves. This process produces products having the desired properties, with reduction in time and energy, and thereby improving economics of the conventional manufacturing process of composite friction materials such as brake pads by incorporating microwave technique for rapid baking.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.485/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NETWORK ENVIRONMENT SEPARATION

(51) International classification :H04L12/46
(31) Priority Document No :214830
(32) Priority Date :25/08/2011
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2012/050321
Filing Date :22/08/2012
(87) International Publication No :WO 2013/027218
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WEINSBERG Udi

(57) Abstract :
The presently disclosed subject matter includes inter alia a separation module being operatively connectible to a network device operable to facilitate data communication in a communication network the separation module being configured to control data communication in the communication network the separation module being assigned with a network id associating the separation module with a given network environment; the separation module being further configured to tag a data packet received by the network device from a first direction in order to associate the data packet with a given network environment; and determine whether a tag associated with a data packet received by the network device from a second direction is compatible with the assigned network id and if it is remove the tag from the data packet and allow transmission of the data packet.

No. of Pages : 45 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.486/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENZYMATIC TRANSESTERIFICATION WITH LIPASES IMMOBILIZED ON HYDROPHOBIC RESINS IN WATER SOLUTIONS

(51) International classification :C12P7/64
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IL2011/000699
Filing Date :31/08/2011
(87) International Publication No :WO 2013/030816
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BASHEER Sobhi
2)EGBARIEH Ahmad
3)MASRI Ramez

(57) Abstract :
Disclosed are an enzymatic batchwise or continuous process for the production of fatty acid alkyl esters for use in the biofuels food and detergent industries and a system therefor. The process utilizes enzymes immobilized on a hydrophobic resin mixed with a fatty acid source and an alcohol or alcohol donor in the presence of an alkaline or mild alkaline aqueous buffer or in the presence of water or aqueous solution. The production process for fatty acid alkyl esters is carried out by transesterification or esterification simultaneously or sequentially. The biocatalyst activity is maintained with no significant activity losses in multiple uses and also avoids the accumulation of glycerol and water by products or other hydrophilic compounds on the biocatalyst.

No. of Pages : 79 No. of Claims : 63

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

(21) Application No.487/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESSING OF WHOLE OR PORTIONS OF GENUS MUSA AND RELATED SPECIES

(51) International classification :A23L1/212
(31) Priority Document No :13/215965
(32) Priority Date :23/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049821
Filing Date :07/08/2012
(87) International Publication No :WO 2013/028347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LAMIKANRA Sola
3)YANG Jun

(57) Abstract :
A method is provided for making a banana product comprising providing at least one unpeeled banana comprising banana peel and banana pulp subjecting the at least one unpeeled banana to a heat treatment at a temperature and for a time sufficient to gelatinize starch present in the at least one unpeeled banana to form at least one heat treated unpeeled banana and comminuting the at least one heat treated unpeeled banana to form a banana puree. A functional food ingredient is also provided comprising a banana puree including banana pulp and optionally banana peel. According to certain aspects the banana puree is dried and thereby provided in the form of a dried banana powder or flake. The functional food ingredient optionally performs as one or more of various ingredient types for instance as a gluten substitute a dip or whip base a binder an emulsifying agent and the like.

No. of Pages : 54 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2013

(21) Application No.603/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONFIGURATION OF A MIX NETWORK BASED ON DETERMINATION OF ANONYMITY

(51) International classification	:G05B19/05, G06F9/44
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BHATTACHAR, Dr. RAJAN Mindigal Alasingara
2)RATH, Dr. HEMANT Kumar
3)PURUSHOTHAMAN, Dr. Balamuralidhar

(57) Abstract :
A method(s) and system(s) for configuring a mix network based on determination of anonymity are described. The method includes transforming the mix network into a graph comprising a set of input and output vertices connected together by a set of edges. The method also includes computing connectivity index (CI) of the graph based on an adjacency matrix representation of the graph. The adjacency matrix is reduced to include m rows and n columns. The method includes evaluating the anonymity of the mix network based on the CI. The method further includes re-configuring the mix network to achieve a pre-defined level of anonymity when the anonymity of the mix network is less than the pre-defined level of anonymity.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.465/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS FOR FORMING PACKAGING UNITS

(51) International classification :B65B17/02,B65B27/04,B65B35/46
(31) Priority Document No :10 2011 119 966.0
(32) Priority Date :02/12/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/004189
Filing Date :02/10/2012
(87) International Publication No :WO 2013/079133
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KHS GMBH
Address of Applicant :Juchostrae 20 44143 Dortmund Germany
(72)**Name of Inventor :**
1)EHMER Wilfried

(57) Abstract :
The invention relates to an apparatus (1) for producing bundles (2) wherein containers (3) from a wide container stream are converted by means of passageway division into a plurality of single lane container streams (4.1 and 4.2) comprising a single track or multi track container feed or single track or multi track container streams (4.1 and 4.2) of at least one equipment carousel (12) rotating about a central axis and belonging to a handling apparatus (5) having at least one application element (8) in the area of the handling apparatus (5) which can be applied (3) by means of at least one contact adhesive or adhesive and/or at least one contact adhesive or adhesive application to containers. At least one handing apparatus (5) is provided for each of the container streams (4.1 and 4.2) wherein the respective equipment carousel (12) of the respective handling apparatus (5) has a plurality of bottom guides (6) and/or top guides (7) for containers (3) and wherein immediately after the equipment carousel (12) or an output apparatus (13) a compartmenting and/or compacting unit or a compartmenting and/or compacting section (22) is provided for grouping and compacting and temporarily pressing on a predetermined number of containers (3) by means of which the containers (3) downstream of the handling apparatus (5) are combined to form the bundle and are transported onward.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2013

(21) Application No.538/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HYTECH HELMET

(51) International classification :A42B3/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NIKHIL SHALIKRAO MANKAR

(57) Abstract :
In order to avoid accidents and to make human life safe, a new electronics device is invented. This new electronic device is called, HYTECH HELMET. With the help of this new hytech helmet we can avoid theft of two -wheelers or any vehicle because unless a thief wears this hytech helmet, vehicle cant be started. This invention relates to the HYTECH HELMET that is functioning with the help of transmitter sensor circuit fitted in the helmet and specially calliberated with the bike and not allowed to start the vehicle until the helmet is wore properly by the driving person and also vehicle comprising circuit, sensor circuit is operated on 9V battery. This is a money saving hytech helmet, To prepare this hytech helmet, a vehicle and hytech helmet with this newly invented circuit are needed.This hytech helmet can be fitted and applied in any vehicle.This hytech helmet is long lasting, portable and durable.

No. of Pages : 49 No. of Claims : 3

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

(21) Application No.334/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUPPORT OF MULTIPLE TIMING ADVANCE GROUPS FOR USER EQUIPMENT IN CARRIER AGGREGATION IN LTE

(51) International classification :H04W56/00
(31) Priority Document No :61/533614
(32) Priority Date :12/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054848
Filing Date :12/09/2012
(87) International Publication No :WO 2013/040026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHEN Wanshi
2)GAAL Peter
3)KITAZOE Masato
4)DAMNJANOVIC Jelena M.
5)MONTOJO Juan
6)XU Hao

(57) Abstract :
Methods systems and devices are described to support multiple timing advance groups for multi carrier user equipment. Some embodiments provide for utilizing timing advance group synchronization information across multiple timing advance groups. Some embodiments provide support for performing random access procedures in relation to timing advance groups that may not include a primary component carrier. Some embodiments utilize timing advance group indexes to enable cross carrier random access procedure management. Other embodiments support parallel random access procedures across multiple timing advance groups. Some embodiments provide for a reference downlink component carrier for timing within a timing advance group.

No. of Pages : 102 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/02/2013

(21) Application No.326/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COLD BOX CORE SHOOTING PROCESS AND MACHINE

(51) International classification	:B22C9/12, B22C9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ANIRUDHA GOPAL THOMBRE
2)SANTOSH MARUTI AUNDHAKAR

(57) Abstract :
The present invention provides a process for making cold box core in a cold box core shooter machine. The process having steps of, mixing the sand with resin and activators in a predefined proportion. Thereafter, shooting the mixed sand at high pressure in a core box on a core shooter machine. further, filing the shooted in the core box thereby getting shape of the core box. At last, injecting a in liquid form at room temperature in the sand filled core box in vapour form, the catalyst reaches all portions of the core box, rigid structure of the core is formed & amine is gaseous from is pushed of core box by high purge of hot air, after 3 to 4 minutes rigid structure gets formed & core box de-clamps automatically and core comes out for further process. .

No. of Pages : 13 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/02/2014

(21) Application No.346/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANTIBACTERIAL PIPERIDINYL SUBSTITUTED 3 4 DIHYDRO 1H [1 8]NAPHTHYRIDINONES

(51) International classification :C07D471/04,A61K31/4375,A61P31/04
(31) Priority Document No :11177116.8
(32) Priority Date :10/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065730
Filing Date :10/08/2012
(87) International Publication No :WO 2013/021052
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GUILLEMONT Jer´me Emile Georges
2)LAN‡OIS David Francis Alain
3)MOTTE Magali Madeleine Simone
4)KOUL Anil
5)BALEMANS Wendy Mia Albert

(57) Abstract :
The present invention is related to novel compounds of formula (I) that inhibit the activity of the Fab1 enzyme which are therefore useful in the treatment of bacterial infections. It further relates to pharmaceutical compositions comprising these compounds and chemical processes for preparing these compounds.

No. of Pages : 55 No. of Claims : 19

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

(21) Application No.448/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ORAL CARE COMPOSITIONS

(51) International classification :A61K8/19,A61K8/34,A61Q11/00
(31) Priority Document No :PCT/CN2011/001607
(32) Priority Date :23/09/2011
(33) Name of priority country :China
(86) International Application No :PCT/EP2012/067785
Filing Date :12/09/2012
(87) International Publication No :WO 2013/041419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CAO Jian
3)MA Shouwei
4)PELAN Edward George
5)STOYANOV Simeon Dobrev
6)ZHOU Weizheng

(57) Abstract :
The invention provides an oral care composition comprising: (a) a continuous phase comprising water or polyhydric alcohol or a mixture thereof; and (b) a particulate calcium carbonate abrasive composed of primary particles which are acicular and which have a length of 2 microns or greater; in which the level of the particulate calcium carbonate abrasive ranges from 10 to 70% preferably from 20 to 60% more preferably from 30 to 40% by total weight of the particulate calcium carbonate abrasive based on the total weight of the composition. The composition of the invention demonstrates satisfactory levels of cleaning yet is not unduly abrasive and damaging to the teeth.

No. of Pages : 22 No. of Claims : 2

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

(21) Application No.449/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOW VISCOSITY SUSPENDING VINYL COPOLYMERS

(51) International classification :C08F220/06,C08F265/06,C08F290/04
(31) Priority Document No :1116663.4
(32) Priority Date :28/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/068733
Filing Date :24/09/2012
(87) International Publication No :WO 2013/045378
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JARVIS Adam Peter
2)LIMER Adam John
3)COURTOIS Jean Philippe Andre Roger
4)VETHAMUTHU Martin Swanson

(57) Abstract :
A rheology modifier copolymer of formula (I) wherein A is a macromonomer; B is an acrylic or methacrylic acid or salt thereof; C is a polyacidic vinyl monomer selected from maleic fumaric itaconic citraconic and acids combinations thereof and anhydrides and salts thereof; and D optionally when present is a crosslinking monomer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.503/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOVING CELLULAR COMMUNICATION SYSTEM

(51) International classification :H04W84/00
(31) Priority Document No :214867
(32) Priority Date :29/08/2011
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2012/050332
Filing Date :29/08/2012
(87) International Publication No :WO 2013/030834
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
A cellular system comprising at least one moving non stationary base station for enabling cellular communication between at least two mobile stations in a geographic area that lacks adequate cellular coverage by at least one stationary base station.

No. of Pages : 46 No. of Claims : 65

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.462/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SECURITY ELEMENT AND METHOD OF PRODUCING A SECURITY ELEMENT

(51) International classification :B41M3/14,B41M1/10
(31) Priority Document No :2011101209
(32) Priority Date :20/09/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/001115
Filing Date :17/09/2012
(87) International Publication No :WO 2013/040629
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JOLIC Karlo Ivan

(57) Abstract :
A security element and a method of printing a security element using a rotary printing process the security element including a plurality of image elements the method including: providing a transparent or translucent substrate having a printing side; and printing an image layer onto at least a portion of the printing side of the substrate wherein the image layer is contiguous and includes an extended edge region and an image region wherein at least a portion of the extended edge region is printed before the image region and wherein the image region includes unprinted and printed areas.

No. of Pages : 22 No. of Claims : 26

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

(21) Application No.515/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NON-INVERTING BUCK BOOST CONVERTER

(51) International classification :G05F1/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Director General, Defence Research and Development Organisation
(72)**Name of Inventor :**
1)Vivek Agarwal
2)Sajeesh Kumar K

(57) Abstract :
A method of digital control implementation with online compensator swapping facility using run time partial reconfiguration feature of FPGA is disclosed. A non-inverting buck-boost converter is used for producing an output voltage that is in-between the input voltage range of the converter. The converter operates in buck, boost and combination of buck and boost modes based upon the variations of the input voltage. Individual compensators are designed for buck and boost modes of operation respectively and are implemented in FPGA using run-time partial reconfiguration. This ensures smooth output voltage, no transition time glitches and use of appropriate compensators corresponding to the operating mode (buck or boost) leading to excellent control performance. Only the buck compensator and buck PWM circuits are configured in the FPGA during buck mode of operation and vice versa. Both buck and boost compensators are configured in the FPGA only during combination mode of operation.

No. of Pages : 28 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.577/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RFID TAG ENABLED ARTICLE AND A METHOD THEREFOR

(51) International classification :G08B13/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHAKRAVARTY, TAPAS
2)PURUSHOTHAMAN, BALAMURALIDHAR

(57) Abstract :
Disclosed is a miniature size RFID enabled external article. The miniature RFID tag is capable of seamlessly integrating with any external article without requiring any modification to detuning effects.

No. of Pages : 28 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.578/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD TO PROVIDE PREDICTIVE ANALYSIS TOWARDS PERFORMANCE OF TARGET OBJECTS ASSOCIATED WITH ORGANIZATION

(51) International classification :G06N7/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHAUDHURI, DHRUBA JYOTI

(57) Abstract :
System and method to provide predictive analysis towards performance of one or more target object associated with an organization with respect to one or more parameters affecting the performance is disclosed. The parameters along with an intensity level are received as an input. The input is then processed to determine a proportionality relation by applying a logical regression technique, between the performance of the target object and the input parameter. Parameters received as input are then converted into a group level model factor with an associated intensity level. An impact of the parameters over the performance in terms of a band wise distribution is further determined and a probabilistic effect of the impact over the performance of the target objects is generated to further perform predictive analysis.

No. of Pages : 32 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.476/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOST PROBABLE TRANSFORM FOR INTRA PREDICTION CODING

(51) International classification :H04N7/26,H04N7/50
(31) Priority Document No :61/545901
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/059574
Filing Date :10/10/2012
(87) International Publication No :WO 2013/055803
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KARCZEWICZ Marta
3)WANG Xianglin

(57) Abstract :
A video coder can be configured to determine an intra prediction mode for a block of video data identify a most probable transform based on the intra prediction mode determined for the block of video data and code an indication of whether the most probable transform is a transform used to encode the block of video data. The most probable transform can be a non square transform.

No. of Pages : 47 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2014

(21) Application No.477/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REBAUDIOSIDE D SWEETENERS AND FOOD PRODUCTS SWEETENED WITH REBAUDIOSIDE D

(51) International classification :A23L1/236,A23L2/60
(31) Priority Document No :61/531348
(32) Priority Date :06/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053949
Filing Date :06/09/2012
(87) International Publication No :WO 2013/066490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEE Thomas
2)NATTRESS Laura
3)RIHA William

(57) Abstract :
Beverage products are provided e.g. a ready to drink cola beverage or a cola beverage concentrate or syrup including water or carbonated water acidulant comprising at least one acid rebaudioside D present in a sweetening amount and flavoring comprising cola flavoring. Rebaudioside D may be the only sweetener or alternatively the beverage product further contains one or more additional sweeteners for example rebaudioside A and/or other high intensity sweetener(s). Rebaudioside D optionally provides at least 10% of the total sweetening of the beverage product according to certain embodiments. Also a natural carbonated cola beverage product and a beverage product are each provided containing a sweetening amount of rebaudioside D. The rebaudioside D ingredient used in certain methods of making the beverage products disclosed here optionally has a purity i.e. a rebaudioside D concentration of 93% or greater such as 95% or greater by weight. Optionally the rebaudioside D is provided by a supersaturated solution of rebaudioside D or a thermally stable anhydrous form of rebaudioside D.

No. of Pages : 78 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2013

(21) Application No.588/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HEAT EFFICIENT UTENSIL

(51) International classification	:A47J27/02, A47J27/024
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)SANGLE SANTOSH BHAGWAN

(57) Abstract :
Heat efficient utensil is a device which help to trap unuseful heat from flame corners, hot gases, hot surface which in ordinary cookwares goes in atmosphere without proper utilisation to do this its structure makes hot air pocket surrounding to utensil & along with increasing heat efficiency it retain heat around for longer time to keep food hot for longer,Thus it reduce cooking time & retain freshness longer.

No. of Pages : 9 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2013

(21) Application No.565/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR DATA ARCHIVAL

(51) International classification	:G06F7/00, G06F17/00, G06F, G06F17/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DUTTA, Anirban
3)BOSE, Tungadri
4)HAQUE, Mohammed Monzoorul

(57) Abstract :
The present subject matter discloses a system and a method for data archival. A data archiving system (102) comprises a processor (108) and a compression module (120) coupled to the processor (108) and configured to compress an original data file to generate, for each level of lossy compression, a compressed base file and a patch file. The base file is generated using a lossy compression technique. The patch file for a particular level of lossy compression is generated using information lost at the particular level of lossy compression. The data archiving system (102) further comprises a data archiving module (122) coupled to the processor (108). The data archiving system (102) is configured to save a last base file and a plurality of patch files corresponding to each level of lossy compression, where the last base file is the base file corresponding to a last level of lossy compression.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2013

(21) Application No.566/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IDENTITY BASED ELLIPTIC CURVE CRYPTOGRAPHY

(51) International classification :H04L9/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ALASINGARA BHATTACHAR, Ranjan Mindigal
3)PURUSHOTHAMAN, Balamuralidhar
4)SHASTRY, Ravishankara
5)LOKAMATHE, Shivraj Vijayshankar

(57) Abstract :
Method includes ascertaining a friendly prime (p) based on a first variable (c) and Nth power of two, N being an integer and the c selected using log2c=(1/2)N. p is congruent to 3(mod 4) and has 512 bit length. Generating, based on distinctive parameters, a super singular elliptic curve (E/GF(p)) over a finite field (GF(p)). A first torsion group (S[q]) over the E/GF(p) is determined based on the p, the S[q] being a subgroup of points over the E/GF(p). A torsion group prime order (q) of the S[q] is a prime number of 160 bit length.Constructing a second torsion group T[q], an isomorphic image of the S[q], over a super singular elliptic curve (E/GF(p2)) based on the p. A (q) of the T[q] is equal to the (q) of the S[q]. The (p), the (E/GF(p)), the S[q], and the T[q], are provided to a user device.

No. of Pages : 44 No. of Claims : 19

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

(21) Application No.447/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOW TEMPERATURE GAS SUPPLY DEVICE HEAT TRANSFER MEDIUM COOLING DEVICE AND LOW TEMPERATURE REACTION CONTROL DEVICE

(51) International classification :F25D9/00,B01F3/02,F25D3/10
(31) Priority Document No :2011-223716
(32) Priority Date :11/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/076315
Filing Date :11/10/2012
(87) International Publication No :WO 2013/054844
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YONEKURA Masahiro
3)TAKEUCHI Masahiro

(57) Abstract :
This low temperature gas supply device is provided with: a first heat exchanger; a mixing means; and a first control means. The first heat exchanger discharges a mixed gas as a low temperature gas coolant and discharges a low temperature liquefied gas as a vaporized gas by introducing said low temperature liquefied gas and the mixed gas which is the vaporized gas of the low temperature liquefied gas mixed with a gas of a temperature higher than the low temperature liquefied gas and causing same to exchange heat with each other. The mixing means mixes the gas with the vaporized gas discharged from the first heat exchanger and discharges same as a mixed gas. Based on the difference between the temperature detected for the low temperature gas coolant and the intended temperature the first control means adjusts the respective amounts of the gas and the vaporized gas introduced into the mixing means and regulates the temperature of the low temperature gas coolant to the intended temperature.

No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/02/2013

(21) Application No.436/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A TRANSLATORY I.C.ENGINE IMPROVED BY USING A CRANK-PIN GUIDE

(51) International classification	:F16C3/14, F16C3/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)SHAH VIPIN CHAMPSEY

(57) Abstract :
As is clear from the title of the invention the performance of translatory I.C. Engine would be improved by using a crank-pin guide. The crank-pin guide would be the fixed part of the engine and would carry a hole in the center for the crank-shaft to pass through freely. It would consist of two circular plates of metal which would flank the crank-webs closely on their outer side. Each plate of the crank-pin guide would carry a channel of a definite shape with the channel in one plate being the exact mirror image of that in the other. The channel would be just slightly wider than the diameter of crank-pin end it would host. The crank-webs would have a slot in place of a tight fitting hole as at present. The crank-pin would be longer than presently used and it would pass through the slots in the crank-web to have its ends lodged in the channel in the two plates of the crank-pin guide. The shape of the channel would be such that when the crank-pin moves from zero degree crank-angle to forty degree crank-angle, it would be constrained through its ends hosted in the channel on the either side to detain the piston at TDC for first forty degrees of crank-angle. This would make the piston to move on power stroke from forty degree of crank-angle. The power stroke would end at 140 degree of crank-angle. The shape of the channel would again be such that from 140 degree of crank-angle to 180 degree crank-angle the piston would remain detained at BDC. The movement of the piston from 180 degree crank-angle to zero degree crank-angle would be achieved in the same way as at present.

No. of Pages : 8 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/02/2013

(21) Application No.545/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ISCHEMIC STROKE DETECTION USING DIGITAL IMAGE PROCESSING SOFTWARE EMBEDDED WITH COMPUTED TOMOGRAPHY SCANNER

(51) International classification	:A61F2/82, A61F2/06, A61B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)Vinay J. Nagalkar
2)Sunil M. Agrawal

(57) Abstract :
With the help of present invention basically the software is developed which will be directly embedded into the CT scanner. This software when embedded directly in the scanner it will show the output directly of the abnormal or normal portion of the brain. This software will save time to find the clot as well as it will be accurate and the time required for the scanning will also be reduced. The accuracy rate is major factor for finding the exact location as the doctors has to operate on that part. Therefore this invention is useful for the doctors and radiologist as it will save the patient™s life. Following invention is described in detail with the help of showing Block Diagram of software embedded directly with the CT scanner.

No. of Pages : 8 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.581/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONVEYING OF PRE-FORMS WITH INDIVIDUAL EJECTION ABILITY

(51) International classification	:B29C49/70, B29C49/64, B29C49/68, B29C49
(31) Priority Document No	:10 2012 101 653.4
(32) Priority Date	:29/02/2012
(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

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2)WOLFGANG SCHOENBERGER

(57) Abstract :
An apparatus (1) for the conveying of plastics material pre-forms (10) , with a plurality of holding devices (2) which engage in apertures (10c) of the plastics material pre-forms (10) and hold them, wherein these holding devices (2) are movable along a pre-set conveying path (P) , with a movement mechanism (50) which has the effect that, in addition to the movement along the conveying path (P) , the holding devices (2) are also movable in a direction (Z) at a right angle to this conveying path (P). According to the invention the apparatus (1) has at least one detection device (40) which is suitable for detecting a defective state of a plastics material pre-form (10a) held by a holding device (2), and at least one first removal apparatus (60) which is arranged downstream along the conveying path (P) of the at least one detection device (40) and which - in reaction to a signal of the detection device - permits the individual removal of this plastics material pre-form (10a) from the holding device (2) holding it.

No. of Pages : 39 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/02/2013

(21) Application No.582/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AXLE ASSEMBLY HAVING BANJO BEAM AND STRENGTHENED COVERPAN

(51) International classification	:F16H57/02, F16J15/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)Abhijit Vyankatesh Nilangekar
3)Mohan Ramchandra Sutar

(57) Abstract :
An axle assembly with a banjo beam and a coverpan. The banjo beam has an upper and lower beam members that are welded together to define a central carrier portion and a pair of tubes. The upper beam member has a pair of upper spring seats that are disposed on opposite sides of the central carrier portion. The lower beam member has a pair of lower spring seats that are disposed on opposite sides of the central carrier portion. The coverpan includes a weld flange and a cover portion. The weld flange is welded to the central carrier portion via a fillet weld to close a first aperture formed in the central carrier portion. The cover portion includes a wall member into which a pair of strengthening protrusions are formed. The strengthening protrusions are disposed on opposite lateral sides of a centerline of the central carrier portion.

No. of Pages : 14 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/02/2013

(21) Application No.550/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVELOPMENT OF GRIPPING MECHANISM FOR A PROSTHETIC HAND

(51) International classification	:A61F2/42, A61F2/58, A61F2/68
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)Dr. Santosh B. Jaju

(57) Abstract :
The design of gripping mechanism for prosthetic hands is usually an important and complex task, especially when the mechanism attempt to simulate dexterous fingers with multiple joints actuated. The gripping devices usually consist of a finger like and thumb like member to grip an object. The cable and spring mechanism is used to compensate the problem face by the other mechanisms like weight of hand, backlash in the joint, poor function of existing artificial hands. To overcome the disadvantages in existing art, new mechanism is introduced in which each finger compromises a number of spring and cable conduits system. The spring acts as a structure and joint for the finger. As there is no mechanical linkages are involves the operation is noiseless and smooth. Each finger consists of two springs which act as phalanges for finger. Following invention is described in detail with the help of of Sheet 1 illustrates showing spring mechanism.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/02/2013

(21) Application No.604/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR PROCESS AUTOMATION

(51) International classification :G06Q30/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Methods and systems for analyzing and automating manual steps performed by users on computing devices are described. The method includes obtaining attribute data associated with a plurality of steps of a process and determining value-added and non value-added steps based on the obtained attribute data. The method further includes identifying process bottlenecks and amenable steps from among the plurality of steps, ascertaining a technology lever for automation of an amenable step based on value stream mapping and implementing the technology lever for automating the amenable step.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.240/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BILLING SYSTEM BILLING DEVICE BILLING METHOD AND PROGRAM

(51) International classification :G07B15/00,G06Q50/00
(31) Priority Document No :2011-210716
(32) Priority Date :27/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074519
Filing Date :25/09/2012
(87) International Publication No :WO 2013/047498
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAKAYAMA Hiroyuki

(57) Abstract :
In the present invention an identification information acquisition unit (23) of an area billing device (20) acquires identification information of a vehicle that exists in a non billing area from a parking lot billing device (30). Then a billing exemption processing unit (24) by treating a predetermined period from when the identification information acquisition unit (23) acquired the identification information as being exempt from billing processing assesses without error whether or not there has been an entry to the non billing area.

No. of Pages : 37 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/02/2013

(21) Application No.373/MUM/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANTI-COMPOUNDING HAND BRAKE VALVE

(51) International classification	:B60T17/10, B60T13/26, B60T15/36
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)JAYCHANDRA ANANDRAO PATIL
2)SACHIN SUBHASH SONAR

(57) Abstract :
Disclosed is an air brake system with an anti-compounding hand brake valve. The anti-compounding hand brake valve includes a handle, an inlet, an exhaust valve, a signal port and an outlet. The handle is operable to and from a first position and a second position. The anti-compounding hand brake operates without affecting basic braking system performance as the anti-compounding hand brake valve is connected only to the spring brake compartment that prevents complete failure of the air brake system in case of the failure of the anti-compounding hand brake valve.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.459/MUMNP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM CONSISTING OF AN ANODE HANGER MEANS AND AN ENHANCED GEOMETRY ANODE

(51) International classification :C25C7/02,C25C1/12
(31) Priority Document No :23072011
(32) Priority Date :16/09/2011
(33) Name of priority country :Chile
(86) International Application No :PCT/IB2012/054750
Filing Date :12/09/2012
(87) International Publication No :WO 2013/038352
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a system consisting of an anode hanger means (10) and an enhanced geometry anode (22) which makes possible to reuse said anode hanger means (10) minimizing the production of scrap allowing an enhancement of the process between the smelting and the electrorefining wherein said hanger means (10) is formed by a reusable central bar (11) to be located on the upper edge of the enhanced geometry anode (22) wherein said reusable central bar (11) has on its ends reusable ears (12) having engagement means (13) which take the enhanced geometry anode (22) on its upper corners and wherein in the upper corners of said enhanced geometry anode (22) emerge two small upper projections (15). The small upper projections (15) are fitted with said engagement means (13) to secure the hanger means (10) to the enhanced geometry anode (22). Alternatively the hanger means (10) comprises a reusable independent central bar (16) wherein on the ends of said reusable independent central bar (16) are fitted two reusable independent ears (17) which have fastening means (18) formed by a lower notch (23) on which the small upper projection (15) of the enhanced geometry anode (22) is housed.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2012

(21) Application No.10183/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DUAL ORIENTATION CONNECTOR WITH EXTERNAL CONTACTS

(51) International classification :H01R29/00,H01R13/648,H01R13/516
(31) Priority Document No :61/349,737
(32) Priority Date :28/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038452
Filing Date :27/05/2011
(87) International Publication No :WO 2011/150403
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)SPRAGGS Ian
6)FRAZIER Cameron
7)ROTHKOPF Fletcher
8)AASE Jonathan
9)SANDER Wendell B.
10)TERLIZZI Jeffrey J.

(57) Abstract :
A dual orientation connector having a connector tab with first and second major opposing sides and a plurality of electrical contacts carried by the connector tab. The plurality of contacts includes a first set of external contacts formed at the first major side and a second set of external contacts formed at the second major side. The first plurality of contacts are symmetrically spaced with the second plurality of contacts and the connector tab is shaped to have 180 degree symmetry so that it can be inserted and operatively coupled to a corresponding receptacle connector in either of two insertion orientations.

No. of Pages : 109 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2012

(21) Application No.10467/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IMAGE PROCESSING METHOD IN MICROSCOPY

(51) International classification :G06T3/00
(31) Priority Document No :10305643.8
(32) Priority Date :15/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/052546
Filing Date :10/06/2011
(87) International Publication No :WO/2011/158162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VOSSEN Dirk
3)HULSKEN Bas

(57) Abstract :
The invention pertains to the field of image processing in digital pathology. It notably proposes a method for processing a first digital image representing a sample in a region and which image has been acquired from the sample by means of a microscopic imaging system (1) and is stored in a multi-resolution image data structure (80) comprising the steps of: - retrieving (104) a sub-region of the first digital image at a first resolution -executing (105) a transform function on the retrieved sub-region the transform function modifying a content of the sub-region according to at least one metric derived from a second resolution representation of the first digital image.

No. of Pages : 31 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2012

(21) Application No.10468/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HOUSING FOR AN ELECTRICALLY POWERED DEVICE

(51) International classification :H01R13/703,H01R33/96
(31) Priority Document No :10166085.0
(32) Priority Date :16/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/052230
Filing Date :23/05/2011
(87) International Publication No :WO/2011/158142
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
There is provided a housing comprising an electrically powered device and electrical connecting means. The (electrical connecting means of the) housing fit an interface means of an electrical power supply. The housing is provided with magnetically activable switching means which in a passive isolation state are open. The magnetically activable switching means prevent an electric current from passing between the electrical connecting means and the electrically powered device. The interface means comprise magnetic activation means enable an electric current to pass between the electrical connecting means and the electrically powered device when the housing has been properly installed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2012

(21) Application No.10469/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTOMATED HEART RATE DETECTION FOR 3D ULTRASONIC FETAL IMAGING

(51) International classification :A61B8/02,A61B8/08
(31) Priority Document No :61/355885
(32) Priority Date :17/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/051853
Filing Date :27/04/2011
(87) International Publication No :WO/2011/158136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An ultrasound system and method provide a workflow to acquire 3D images of the fetal heart gated by a synthetic heart gating signal. An ROI is defined in an ultrasound image which delineates the fetal heart. The ultrasound system is controlled to automatically estimate the fetal heart rate from echo signals received from the ROI. When the system has acquired a stable synthetic heart rate signal an indication thereof is given to the user and the user then commands the system to acquire 3D fetal heart images for a number of fetal heart cycles which are gated using the synthetic heart rate signal.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/12/2012

(21) Application No.10472/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DISPLAY AND LIGHTING ARRANGEMENT FOR A FITTING ROOM

(51) International classification :H05B37/02
(31) Priority Document No :10166298.9
(32) Priority Date :17/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/052231
Filing Date :23/05/2011
(87) International Publication No :WO/2011/158143
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BOONEKAMP Erik
3)FERRARI Elena Tiziana
4)YIANNI George Frederic

(57) Abstract :
The invention provides a display and lighting arrangement (100) comprising a display unit (110), a sensor system (120), a control unit (130) and a lighting system (140), wherein the sensor system (120) is configured to sense a person (1) in a predetermined area (2) and to generate a corresponding sensor system signal. The lighting system (140) comprises a first light source (141) configured to provide front face light (41) to the person (1) and a second light source (142) configured to provide top light (42) to the person (1) in the predetermined area (2). The control unit (130) is configured to derive a person feature from the sensor system signal and to control, based on the person feature, the light (41) of the first light source (141) and the light (42) of the second light source (142). The display unit (110) is configured to display an image (5) of the person (1) located in the predetermined area (2) to the person (1) in the predetermined area (2).

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

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

(21) Application No.1/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A WIND TURBINE BLADE

(51) International classification :F03D1/06,D01F9/22,B29C70/88
(31) Priority Document No :11172805.1
(32) Priority Date :06/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/063206
Filing Date :06/07/2012
(87) International Publication No :WO 2013/004805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)OLESEN Morten
3)JACOBSEN Torben Krogsdal

(57) Abstract :
The wind turbine blade (1) includes a structure made of a fibre reinforced polymer material including a polymer matrix and fibre reinforcement material embedded in the polymer matrix. The fibre reinforcement material includes carbon fibres that have been produced by carbonisation of a precursor to a carbonisation degree of 60% to 80%.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013

(21) Application No.10233/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PURIFYING FC FUSION PROTEIN

(51) International classification :C07K1/18,C07K1/22,C07K16/00
(31) Priority Document No :61/505710
(32) Priority Date :08/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045339
Filing Date :03/07/2012
(87) International Publication No :WO 2013/009526
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)IKECHUKWU Ijeoma Cynthia
2)NTI GYABAAH Joseph
3)PETROFF Matthew
4)LEE Christine

(57) Abstract :
The invention relates generally to methods for purifying a Fc fusion protein produced in a eukaryotic expression system. More specifically the invention provides a robust and scalable downstream purification process suitable for use in manufacturing TNFR:Fc for human administration which comprises an optimized Protein A affinity chromatography step and two ion exchange chromatography steps both of which are operated in the bind and elute mode.

No. of Pages : 87 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013

(21) Application No.10234/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BLOOD STAGE MALARIA VACCINE

(51) International classification :A61K39/015,A61P33/06
(31) Priority Document No :61/490761
(32) Priority Date :27/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/AU2012/000594
Filing Date :28/05/2012
(87) International Publication No :WO 2012/162731
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)La Trobe University
(72)**Name of Inventor :**
1)LEE Moses
2)GOOD Michael
3)SPITHILL Terry

(57) Abstract :
An immunogenic composition for use as a blood stage malaria vaccine a method of producing the immunogenic composition and a method of treatment of malaria are provided. The immunogenic composition includes isolated or purified merozoites or red blood cells infected with merozoites treated with centanamycin or tafuramycin A. The immunogenic composition does not include an adjuvant. A single dose of the immunogenic composition is sufficient to protect an animal against subsequent malaria infection by the same isolate strain or species of Plasmodium used in the immunogenic composition or by one or more heterologous isolates strains or species of Plasmodium.

No. of Pages : 41 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2013

(21) Application No.10240/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANTI SHOULDER SURFING AUTHENTICATION METHOD

(51) International classification :H04L29/06,H04L12/22
(31) Priority Document No :13/174558
(32) Priority Date :30/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045057
Filing Date :29/06/2012
(87) International Publication No :WO 2013/003782
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM Incorporated
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(72)**Name of Inventor :**
1)LI Qing

(57) Abstract :
Disclosed is a client device that includes: a user interface to receive a username and a first password associated with a server site visited by a user; a random number generator to generate a random number; and a processor to generate a second password by implementing a function based upon the first password and the random number and to command storage of the random number the username and the associated server site. If the user attempts to log onto the server site by inputting their username and the second password the processor extracts the random number associated with the username and the server site and implements the function based upon the second password and the random number to generate the first password which replaces the second password entered by the user and is submitted to the server site.

No. of Pages : 25 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012

(21) Application No.10557/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EASY OPEN BAG

(51) International classification :B31B49/04,B65D30/00
(31) Priority Document No :12/787,027
(32) Priority Date :25/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037746
Filing Date :24/05/2011
(87) International Publication No :WO/2011/149939
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)EDWARDS Eduard
2)SAGEL Joseph Paul

(57) Abstract :
An easy open bag and method for making the same. A film is fed into a jaw assembly comprising a first seal jaw comprising a blade gap and a second seal jaw comprising a removable insert. The removable insert comprises a blade pin. When the first and second seal jaws are mated a notch is formed. The film also comprises a score line in the outer layer. Upon tearing the notch the tear propagates along the score line. Thus the package can be easily opened by initiating a tear at a tear notch.

No. of Pages : 46 No. of Claims : 43

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

(21) Application No.10292/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR MANUFACTURING PYRAZOLE DERIVATIVE

(51) International classification	:C07D231/38,A61K31/496,A61P3/10
(31) Priority Document No	:2011123819
(32) Priority Date	:01/06/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/064075 :31/05/2012
(87) International Publication No	:WO 2012/165547
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)KIRIHARA Shinji

(57) Abstract :
The present invention provides a prolinamide compound useful as a drug or the like and an industrially advantageous method for producing a piperazinyl pyrazole compound that is a production intermediate of the prolinamide compound. Specifically the invention is a method for producing a compound represented by general formula (1) as represented by the following formula (where the symbols in the formula are the same as defined in the specification) or a salt thereof wherein a compound represented by general formula (2) is produced a pyrazole ring being formed via a reaction between a compound represented by general formula (3) and phosphorus pentasulfide; and once the compound represented by general formula (2) is deprotected a carboxylate of a compound represented by general formula (6) is produced the compound obtained by forming a carboxylic acid and a salt.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2012

(21) Application No.10633/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DIFFERENTIAL PRESSURE TRANSMITTER WITH COMPLIMENTARY DUAL ABSOLUTE PRESSURE SENSORS

(51) International classification :G01L13/00,G01L15/00,G01L27/00
(31) Priority Document No :12/834,245
(32) Priority Date :12/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/038692
Filing Date :01/06/2011
(87) International Publication No :WO 2012/009062
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HEDTKE Robert C.
3)KLOSINSKI Andrew J.
4)SITTLER Fred C.

(57) Abstract :
A process variable transmitter (36) for measuring a pressure of a process fluid includes a process coupling having a first port (90) configured to couple to a first process pressure and a second port (90) configured to couple to a second process pressure. A differential pressure sensor (56) is coupled to the first and second ports and provides an output related to a differential pressure between the first pressure and the second pressure. First and second pressure sensors (97 98) couple to the respective first and second ports and provide outputs related to the first and second pressures. Transmitter circuitry (72) is configured to provide a transmitter output based upon the output from the differential pressure sensor and/or the first and/or second pressure sensors.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2012

(21) Application No.10636/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GLOSSOPLASTY IMPLANT TENSION RELIEF SYSTEM

(51) International classification :A61B17/04,A61F5/56
(31) Priority Document No :61/351068
(32) Priority Date :03/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/051890
Filing Date :28/04/2011
(87) International Publication No :WO 2011/151745
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WITT Erik Kurt
2)THOMAS Charles

(57) Abstract :
A glossoplasty implant tension relief system for treating an airway of a patient has a first portion configured to engage a mandible of the subject. The system also has a second portion configured to engage a tongue of the subject to retain at least a portion of the tongue. The system includes a connecting portion configured to connect the first portion and the second portion. The connecting portion is constructed and arranged to provide tension between the first portion and the second portion. The connecting portion includes an i) inelastic portion and ii) an elastic portion configured to provide elasticity between the first portion and the second portion.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.2008/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CHARGING MEMBER PROCESS CARTRIDGE AND ELECTROPHOTOGRAPHIC APPARATUS

(51) International classification :G03G15/02,C08G79/14
(31) Priority Document No :2010183984
(32) Priority Date :19/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/004265
Filing Date :28/07/2011
(87) International Publication No :WO 2012/023241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SUZUMURA Noriko
2)KURODA Noriaki
3)TOMOMIZU Yuya

(57) Abstract :
Provided is an electrification member which combines at a high level both the electrification characteristics of an electrophotographic photo receptor and the suppression of the seepage of low molecular weight components from an elastic layer to the surface. The electrification member has a substrate an elastic layer and a surface layer; the surface layer includes high molecular compounds having structural units represented by formulas (1) (2) and (3) and having Si O Ti bonds Ti O Ta bonds and Si O Ta bonds.

No. of Pages : 67 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.2009/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS AND APPARATUSES FOR PROCESSING SCHEDULING OF APERIODIC INFORMATION TRANSMISSION

(51) International classification :H04W72/14
(31) Priority Document No :201010260883.1
(32) Priority Date :17/08/2010
(33) Name of priority country :China
(86) International Application No :PCT/IB2011/000775
Filing Date :18/03/2011
(87) International Publication No :WO 2012/023007
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LIU Jin
2)ZHU Xudong

(57) Abstract :
Embodiments of the present invention disclose triggering methods and apparatuses of aperiodic channel state information CSI and an aperiodic sounding reference signal SRS for a carrier aggregation system. The method comprises: (1) pre assigning a corresponding relationship between bits of the CSI request field in an uplink grant and multiple downlink component carriers DL CCs of user equipment wherein the number of bits of the CSI request field is greater than 1 and less than the maximum allowed number of DL CCs in the system; (2) determining the DL CC for which aperiodic CSI reporting is to be triggered; and (3) mapping the CSI request field in the uplink grant according to the pre assigned corresponding relationship to mark the value of the bit corresponding to the determined DL CC as trigger.

No. of Pages : 53 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013

(21) Application No.1862/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GLASS BUBBLES COMPOSITES THEREFROM AND METHOD OF MAKING GLASS BUBBLES

(51) International classification :C03B19/10,C08K7/28
(31) Priority Document No :61/380770
(32) Priority Date :08/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/050648
Filing Date :07/09/2011
(87) International Publication No :WO 2012/033810
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HUNTER Robert W.
3)ISRAELSON Ronald J.
4)TAKEISHI Towako
5)WILLIAMS Mark J.
6)YAMABE Takujiro

(57) Abstract :
The present disclosure provides a plurality of glass bubbles having an average true density of up to about 0.55 grams per cubic centimeter and a size distribution including a median size in a range from about 15 micrometers to 40 micrometers. A hydrostatic pressure at which ten percent by volume of the plurality of glass bubbles collapses is at least about 100 megapascals. In some embodiments the plurality of glass bubbles is a graded fraction preparable by classifying a second plurality of glass bubbles wherein the second plurality of glass bubbles has a higher percentage of glass bubbles with a size of up to ten micrometers than the first plurality of glass bubbles. Composites including the plurality of glass bubbles are also disclosed.

No. of Pages : 32 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013

(21) Application No.1863/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : KINETIC ENERGY MANAGEMENT SYSTEM

(51) International classification :F03G7/08
(31) Priority Document No :61/372766
(32) Priority Date :11/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047342
Filing Date :11/08/2011
(87) International Publication No :WO 2012/021667
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HOCHBERG David J.
2)PETERSON Gregory E.

(57) Abstract :
A vehicle kinetic energy management system including a first main body having a passive magnetic component movable therewith and a second main body movably attached to the first main body for reciprocal movement there between. The second main body including an active magnetic component movable therewith and magnetically communicating with the passive magnetic component. One of the first and second main bodies being adapted for engagement with a vehicular component that experiences irregularities of a surface on which the vehicle travels and the other main body engaging a load bearing portion of the vehicle for which isolation from the vibrations is desired. Interaction of the active and passive magnetic components in response to the relative movement of the first and second main bodies translates between reciprocating kinetic energy associated with the vehicle motion over the surface irregularities and electrical energy associated with the active magnetic component.

No. of Pages : 32 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013

(21) Application No.1864/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VEHICLE KEY AND ANSWERBACK DEVICE

(51) International classification :E05B19/00,B60R25/10,B62H5/00
(31) Priority Document No :2010228450
(32) Priority Date :08/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/064461
Filing Date :23/06/2011
(87) International Publication No :WO 2012/046477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KUROIWA Takenobu
3)TARUNO Yutaka
4)ANDO Masaharu
5)Wasanpus Poohrinutthapoom

(57) Abstract :
Provided is a vehicle key (60) capable of preventing electric power from being consumed by uselessly operating an operation section. A vehicle key is provided with a holder part (61) comprising a magnet section (63) used for opening and closing a key hole (41a) by engaging with a rotary member (73) coupled to a key shutter (42) on the vehicle side to rotate the rotary member (73) in a predetermined rotation direction and an operation section (64) for sending out an ID code. A recessed section (66) is formed between the magnet section (63) and the operation section (64). The holder part (61) has an outer shape having a front surface (60A) a back surface (60B) and a side surface (60C) and the operation section (64) and the recessed section (66) are disposed on the front surface (60A) of the holder part (61). The operation section (64) is disposed in a position closer to another corner (C3) located diagonally opposite a corner (C1) from which the magnet section (63) projects.

No. of Pages : 59 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2228/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POSITIVELY ENGAGED LATCH FOR SEAT ADJUSTER ASSEMBLY

(51) International classification :B60N2/08
(31) Priority Document No :61/527681
(32) Priority Date :26/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/000782
Filing Date :22/08/2012
(87) International Publication No :WO 2013/029150
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)WRONG David J.
2)JAGTAP Prasad D.

(57) Abstract :
A seat track assembly includes upper and lower tracks slidably coupled together. The lower track includes a locking window and the upper track includes a first aperture. A locking mechanism includes a mounting bracket fixedly secured to the upper track. The mounting bracket includes a second aperture. At least one pin is slidably guided by the second aperture for movement in and out of the locking window and first aperture for interlocking the upper and lower tracks. The pin includes opposite first and second sides and at least one of the sides includes a recess. The recess reduces a surface area of the respective side of the pin and defines upper and lower edges. The upper and lower edges of the recess lockingly engage with the upper and lower tracks in response to a dynamic impact to prevent withdrawal of the pin from the locking window and first aperture.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10514/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTERACTION BETWEEN MAXIMUM POWER REDUCTION AND POWER SCALING IN WIRELESS NETWORKS

(51) International classification :H04W52/36
(31) Priority Document No :61/359,779
(32) Priority Date :29/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/042058
Filing Date :27/06/2011
(87) International Publication No :WO/2012/006036
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)LUO Tao
3)GAAL Peter
4)MONTOJO Juan

(57) Abstract :
Methods apparatuses and articles of manufacture are disclosed for adjusting a power level in connection with transmitting parallel uplink channels. In one aspect a user equipment determines a power-limited condition in which a total transmit power of a group of power-controlled channels exceeds a maximum level in a transmission subframe. The user equipment may determine in an iterative fashion power backoff values by which to establish a configured maximum power level. The parallel uplink channels in the group may be prioritized and different backoff values may be used with channels having different priorities. The user equipment may thereafter adjust a transmit power of the power-controlled channels based on the configured maximum power level..

No. of Pages : 55 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10521/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : USER INTERFACE TRANSITION BETWEEN CAMERA VIEW AND MAP VIEW

(51) International classification	:H04M 1/725,G06T 13/80
(31) Priority Document No	:12/816,955
(32) Priority Date	:16/06/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/040760 :16/06/2011
(87) International Publication No	:WO/2011/159937
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)KEATING Virginia Walker

(57) Abstract :
A user interface transition between a camera view and a map view displayed on a mobile platform is provided so as present a clear visual connection between the orientation in the camera view and the orientation in the map view. The user interface transition may be in response to a request to change from the camera view to the map view or vice-versa. Augmentation overlays for the camera view and map view may be produced based on e.g. the line of sight of the camera or identifiable environmental characteristics visible in the camera view and the map view. One or more different augmentation overlays are also produced and displayed to provide the visual connection between the camera view and map view augmentation overlays. For example a plurality of augmentation overlays may be displayed consecutively to clearly illustrate the changes between the camera view and map view augmentation overlays.

No. of Pages : 48 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013
(21) Application No.1989/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REFRIGERATION STORAGE UNIT

(51) International classification :F25D17/06,F25D19/00
(31) Priority Document No :2010182262
(32) Priority Date :17/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/065340
Filing Date :05/07/2011
(87) International Publication No :WO 2012/023352
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KAWANAMI Tohru
3)SHINKI Yutaka
4)TAMURA Tsuyoshi

(57) Abstract :
A refrigeration storage unit (1) is provided with: a cold storage compartment (6) for cooling an object to be cooled; a cooler (18) for generating cold air supplied to the cold storage compartment (6); a housing for containing the cooler (18) and forming a containing compartment (24) extending upward from the cooler (18); an opening (31) formed in a side surface of the containing compartment (24) at a position above the cooler (18); a fan (32) provided at the opening (31); a guide wall section for guiding the cold air from the cooler (18) toward the fan (32); and an equipment containing compartment formed between the housing and the guide wall section.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014

(21) Application No.2298/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TRANSVERSE ELECTROMAGNETIC (TEM) RADIO FREQUENCY COIL FOR MAGNETIC RESONANCE

(51) International classification :G01R33/34,G01R33/345
(31) Priority Document No :61/545221
(32) Priority Date :10/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055308
Filing Date :03/10/2012
(87) International Publication No :WO 2013/054235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LEUSSLER Christoph
2)WIRTZ Daniel

(57) Abstract :
The present invention provides a transverse electromagnetic (TEM) radio frequency coil (1) for a magnetic resonance system especially for a magnetic resonance imaging system.In particular the inventive concept provides a coil (1) in which at least one of the opposite end regions of the elongate strip section (4) of each TEM coil element (2) has a lateral extension (6) transverse to a longitudinal extent of the strip section (4). These lateral extensions (6) combine with strip sections (4) to form L or U shaped TEM coil elements (2) and provide ring like current contributions resulting in a reduction of the z sensitivity compared with a conventional TEM coil. The result is a coil array having TEM coil elements (2) that provide smaller sensitivity profiles in the z direction yet preserve the characteristics of a well defined RF ground e.g. via an RF shield or screen (3).The reduced field of view in z direction not only reduces noise reception but also reduces the SAR generated in those regions during transmission.

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

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

(21) Application No.10131/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RESIN FOR SCINTILLATOR

(51) International classification :C08G63/187
(31) Priority Document No :2011141630
(32) Priority Date :27/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/052908
Filing Date :02/02/2012
(87) International Publication No :WO 2013/001847
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NATIONAL INSTITUTE OF RADIOLOGICAL SCIENCES
(72)**Name of Inventor :**
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2)MURAKAWA Fumio
3)SHIDARA Zenichiro
4)NAKAMURA Hidehito
5)SHIRAKAWA Yoshiyuki

(57) Abstract :
The purpose of the invention is to provide a resin for a scintillator having high sensitivity to radiation without using a wavelength shifter. The invention is a resin for a radiation detector scintillator comprising polyester having units represented by formula (1). (1) (In formula (1) Ar is a naphthalenediyl group or anthracenediyl group and these are optionally substituted by a C alkyl group or halogen atom. X is a C aliphatic hydrocarbon group C alicyclic hydrocarbon group or C aromatic group and these are optionally substituted by a C alkyl group or halogen atom.)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/12/2012

(21) Application No.10419/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS AND SYSTEMS FOR REPLACEABLE SYNAPTIC WEIGHT STORAGE IN NEURO-PROCESSORS

(51) International classification :G06N3/063
(31) Priority Document No :12/831,484
(32) Priority Date :07/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/043254
Filing Date :07/07/2011
(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 :**
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(72)**Name of Inventor :**
1)APARIN Vladimir

(57) Abstract :
Certain embodiments of the present disclosure support techniques for storing synaptic weights separately from a neuro-processor chip into a replaceable storage. The replaceable synaptic memory gives a unique functionality to the neuro-processor and improves its flexibility for supporting a large variety of applications. In addition the replaceable synaptic storage can provide more choices for the type of memory used and might decrease the area and implementation cost of the overall neuro-processor chip.

No. of Pages : 22 No. of Claims : 21

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

(21) Application No.2/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RECONSTITUTION DEVICE

(51) International classification :A61J1/20
(31) Priority Document No :2745320
(32) Priority Date :06/07/2011
(33) Name of priority country :Canada
(86) International Application No :PCT/US2012/045672
Filing Date :06/07/2012
(87) International Publication No :WO 2013/006757
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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3)MUELLER Michael

(57) Abstract :
The present invention relates to methods for reconstituting and relates to reconstitution devices suitable for reconstituting many different materials. Furthermore the present invention includes methods of treatment and methods of use related to a reconstitution device or apparatus. Some embodiments are suitable for reconstituting small amounts of a pharmaceutical compositions and using the pharmaceutical composition for the treatment of sexual dysfunction.

No. of Pages : 40 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014

(21) Application No.2061/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STEAM OR VAPOUR CONDENSING SYSTEM

(51) International classification :F03G6/06,F24J2/42
(31) Priority Document No :2011903603
(32) Priority Date :06/09/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/001046
Filing Date :05/09/2012
(87) International Publication No :WO 2013/033762
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YEOMANS Allan James

(57) Abstract :
A steam or vapour condensing system (10) for use with radiant solar energy collecting apparatus (17) of the type having solar energy concentrators (20) and in which steam or vapour is generated for supply to a load such as to a steam turbine the system (10) using the solar energy concentrators (20) to directly or indirectly radiate heat energy of exhaust steam or vapour from the load. The collecting apparatus (17) may float on a body of liquid (19) and heat energy of the exhaust steam or vapour is transferred to the body of liquid for example by being passed through a duct (23) in the body of liquid (19) and heat energy transferred to the body of liquid (19) is radiated by the concentrators (20).

No. of Pages : 28 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2062/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SIMULTANEOUS HYDROLYSIS AND HYDROGENATION OF CELLULOSE

(51) International classification :C08B15/02,C07C31/26,C08B16/00
(31) Priority Document No :10177468.5
(32) Priority Date :17/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/066156
Filing Date :16/09/2011
(87) International Publication No :WO/2012/035160
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LI, JIANRONG
4)O'CONNOR, PAUL
5)RASSER, JACOBUS CORNELIS
6)ROSHEUVEL, ARMAND EDUARD
7)MENEGASSI DE ALMEIDA, RAFAEL

(57) Abstract :
A process is disclosed for conversion of cellulose in an Ionic Liquid medium. The process is characterized in that a cellulose-containing feedstock and an Ionic Liquid are mixed at a temperature below 80 °C. The mixture is heated to a conversion temperature in the range of 80 °C to 220 °C under a hydrogen atmosphere. The presence of hydrogen during the heating step significantly reduces the formation of degradation products.

No. of Pages : 17 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014

(21) Application No.2306/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLOOR NOZZLE FOR VACUUM CLEANER

(51) International classification :A47L9/04
(31) Priority Document No :61/542310
(32) Priority Date :03/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055141
Filing Date :27/09/2012
(87) International Publication No :WO 2013/050906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)VAN DER KOOI Johannes Tseard
2)VAN DE VEEN Egbert

(57) Abstract :
The present invention relates to a cleaning device for cleaning a surface with a nozzle arrangement (10) comprising: a brush (12) rotatable about a brush axis (14) said brush (12) being provided with brush elements (16) having tip portions (18) for contacting the surface to be cleaned (20) and picking up dirt particles (22) and/or liquid (24) from the surface (20) during the rotation of the brush (12) a drive means for driving the brush (12) in rotation a bouncing element (32) comprising a bouncing surface (33) that is configured to let the dirt particles (22) and/or liquid (24) that are released from the brush (12) during rotation rebound to the brush (12) said bouncing surface (33) being spaced apart from the brush (12) and extending substantially parallel to the brush axis (14) and an adjustment means (35) for adjusting the position of the bouncing element (32) relative to the surface (20) depending on a direction of movement (40) of the device wherein the adjustment means (35) is adapted to arrange the bouncing element (32) in a first position in which the bouncing element (32) has a first distance to the surface (20) when the cleaning device is moved in a forward direction in which the bouncing element (32) is seen in the direction of movement of the device (40) located behind the brush (12) and to arrange the bouncing element (32) in a second position in which the bouncing element (32) has a second distance to the surface when the cleaning device is moved in an opposite backward direction wherein is greater than and equal to tan(a) being the distance between the bouncing surface (33) and the position of the brush (12) where the tip portions (18) lose contact from the surface to be cleaned (20) during the rotation of the brush (12) and a being an angle that is equal to or smaller than 20°.

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.2000/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SECURELY RENDERING ONLINE ADS IN A HOST PAGE

(51) International classification :G06Q30/00,G06Q50/00
(31) Priority Document No :12/895286
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051140
Filing Date :11/09/2011
(87) International Publication No :WO 2012/050697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)ESTES Chad Steven
4)LOW Spencer Wong
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6)MILLET David Immanuel
7)KWAN Tomoko
8)KUMAR Rahul Sudhir
9)HIATT Philip Edward

(57) Abstract :
One or more techniques and/or systems are disclosed for rendering online ads on a webpage. A first inter frame communication channel is created which comprises a first communication channel between a first cross domain frame and a host page such as the webpage. The first cross domain frame comprises content from a domain that is different than that of the host page domain. A second inter frame communication channel is created comprising a second communication channel between the first cross domain frame and a second cross domain frame in the host page.

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

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

(21) Application No.2001/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ULTRASOUND MEDIATED DELIVERY WITH CRITICAL ORGAN PROTECTION

(51) International classification :A61M37/00,A61B8/00,A61N7/00
(31) Priority Document No :61/540572
(32) Priority Date :29/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055146
Filing Date :27/09/2012
(87) International Publication No :WO 2013/046143
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RAJU Balasundar Iyyavu
2)HALL Christopher Stephen
3)SEIP Ralf
4)ERPELDING Todd Nicholas

(57) Abstract :
A device for delivery of a substance (144) using energy to protect at a site of activation against a side effect of another substance (156) that was delivered is being delivered and/or will be delivered at another site. The activation may be non invasive remote and the energy beam (140) may be an ultrasound beam. A first of the substances can be activated at a particular energy level and the second is then activated at a lower level so that a population of particles bearing the first substance is not inadvertently activated during activation of the second substance. The device may comprise a system to control the levels of energy applied.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014

(21) Application No.2307/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GENERATOR

(51) International classification :F01K15/02,F01K15/04,F22B1/00
(31) Priority Document No :13/271385
(32) Priority Date :12/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IL2012/050404
Filing Date :11/10/2012
(87) International Publication No :WO 2013/054333
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HARIF Gershon

(57) Abstract :
A generator comprising: a heat differential module with a first high temperature source configured for providing a work medium at high temperature a second low temperature source configured for providing a work medium at low temperature and a heat mechanism in fluid communication with the first and second sources configured for maintaining a temperature difference therebetween by at least one of: providing heat to the work medium at said first source and removing heat from the work medium at said second source; a pressure module comprising a pressure medium which is in selective fluid communication with the work medium from the first high temperature source and the work medium from the second low temperature source for alternately peifonning a heat exchange process with the high/low temperature work medium to have its temperature fluctuate between a rmnimal operative temperature and a maximal operative temperature corresponding to the high and low temperature of the respective work medium; a conversion module in mechanical communication with the pressure medium configured for utilizing temperature fluctuation of the pressure medium for the production of output energy; and a heat recovery arrangement in thermal communication with at least one of the heat differential module and the pressure module configured for receiving at least a portion of the heat energy of the high and low temperature work medium which was not transferred to the pressure medium during said heat exchange process and redirecting said heat energy back to one of the heat differential module and the pressure module; wherein provision of heat to the work medium is performed by way of a heat exchange process with an auxiliary high temperature fluid.

No. of Pages : 399 No. of Claims : 85

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/06/2013

(21) Application No.2503/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN EXHAUST GAS RECIRCULATION VALVE

(51) International classification :F02M25/07
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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(57) Abstract :
An exhaust gas recirculation (EGR) valve and an EGR assembly is provided for an internal combustion engine. The EGR valve comprises a valve housing having a passage for recirculated exhausted gas and a spindle movement space which perpendicularly gets through the passage, a main spindle moving in the spindle movement space, an auxiliary spindle co-axially connecting and moving together with the main spindle, in the spindle movement space, to close and open the passage at different proportions. The EGR assembly comprises an acceleration pedal to control speed of a vehicle, an EGR valve to control flow of recirculated exhaust gas, a connecting means operably connecting the accelerator pedal to the EGR valve to actuate and control stages of the EGR valve.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2012

(21) Application No.10152/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NETWORKED VENDOR FOR WORKPLACE OR CONTROLLED ENVIRONMENT

(51) International classification :G07F11/04
(31) Priority Document No :61/351,611
(32) Priority Date :04/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/039111
Filing Date :03/06/2011
(87) International Publication No :WO/2011/153461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :700 Anderson Hill Road Purchase NY 10577 United States of America
(72)**Name of Inventor :**
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2)PERRY Marco

(57) Abstract :
Aspects of the invention described herein provide an apparatus and method for networked vending. According to embodiments described herein a vending machine is provided that may be installed and managed by the venue in which it is installed. Consumers may purchase vending products from the vending machine using cashless accounts managed by an external device in communication with the vendor. The venue may manage the inventory for the vending machine by placing orders for single product inserts to be loaded in the vending machine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/02/2013

(21) Application No.1385/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SHAFT SEAL MECHANISM AND ROTARY MACHINE PROVIDED WITH SAME

(51) International classification :F16J15/22,F01D11/00,F02C7/28
(31) Priority Document No :2010241001
(32) Priority Date :27/10/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/074669
Filing Date :26/10/2011
(87) International Publication No :WO 2012/057204
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)NISHIMOTO Shin
4)NAKANO Takashi
5)ARAKI Masato
6)TAKAHASHI Tatsuji

(57) Abstract :
Provided is a shaft seal structure that even if the seal body of a shaft seal structure of a rotation body is inclined can prevent the seal body from being held in an inclined posture. Provided are an accommodation body (9) disposed in a stator a seal body (12) comprising a plurality of thin plate seal pieces (20) stacked in the circumferential direction of a rotor with micro gaps therebetween and a plate like body (17) that covers one axial end (20d) of the seal body (12) and that has a plate surface (17c) that is pressed against the inner wall surface (9e) of the accommodation body (9). A recess (31) that extends from a radially inward position outward and is recessed in the axial direction and a projection part that projects more to the other side than the recess (31) in the radial inward direction are formed on at least one of the plate surface (17c) of the plate like body (17) and the inner wall surface (9e) of the accommodation body (9). When the projection part comes into contact with the other a pocket (X) communicating with the fluid high pressure region is formed between the one and the other the recess (31) causes the pocket (X) to communicate with the fluid low pressure region.

No. of Pages : 53 No. of Claims : 9

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

(21) Application No.2393/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM WIRELESS TERMINAL WIRELESS STATION NETWORK DEVICE AND INFORMATION GATHERING METHOD

(51) International classification	:H04W24/08,H04W24/10,H04W48/18
(31) Priority Document No	:2011218704
(32) Priority Date	:30/09/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/075234 :28/09/2012
(87) International Publication No	:WO 2013/047833
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
The present invention provides a wireless communication system in which a wireless terminal in an idle state acquires measurement information indicated by a network and in an active state reports the measurement information acquired. A wireless station for operating a first cell having a first wireless access technology comprises in the first cell a notification means for notifying to the wireless terminal first setting information relating to the acquisition of the measurement information in the first cell and a requesting means for requesting from the wireless terminal that the measurement information in the second cell be acquired after movement to a second cell having a second wireless access technology different from the first wireless access technology.

No. of Pages : 70 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2013

(21) Application No.2519/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MANUFACTURING METHOD OF ELECTRIC MOTOR WINDINGS

(51) International classification :H02K15/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LEE, CHUN-CHING

(57) Abstract :
A manufacturing method of electric motor windings has steps of forming curved coils (30) by spooling a cord (20) in a specific implement (10). The curved coils (30) can be attached to an inside surface of a silicon steel sleeve (40) directly, thereby accelerating the manufacturing and raising the manufacture efficiency. In addition, the curved coil (30) does not need to be pressed, thereby preventing damage to a structure of the curved coil (30) caused by pressing. The curved coil (30) is spooled to have a radian corresponding to a radian of the inside surface of the silicon steel sleeve (40). Therefore, the curved coil (30) can be accurately flush with the inside surface of the silicon steel sleeve (40).

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012

(21) Application No.10371/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CONVERTING CONTENT

(51) International classification :G06Q50/00
(31) Priority Document No :10-2010-0062075
(32) Priority Date :29/06/2010
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2011/004747
Filing Date :29/06/2011
(87) International Publication No :WO/2012/002725
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SEO Hyung-Jin

(57) Abstract :
Methods and apparatuses for converting content are provided. A predetermined request signal from an external device is received. All or a portion of currently browsed content is converted into data that can be browsed on the external device based on information about the external device contained in the predetermined request signal. The data is transmitted to the external device.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2013

(21) Application No.1909/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENERGY STORE FOR AN ON LOAD TAP CHANGER

(51) International classification :H01H3/30,H01H9/00,H01F29/04
(31) Priority Document No :10 2010 046 280.2
(32) Priority Date :22/09/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/004434
Filing Date :02/09/2011
(87) International Publication No :WO 2012/038030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)JAKUBIETZ Martha
2)STENGEL Daniel

(57) Abstract :
The invention relates to an energy store for an on load tap changer. The general inventive concept consists in specifying an energy store for an on load tap changer in which a first gearwheel (2) which is in the form of a sun wheel is mounted fixedly on a rotatable drive shaft (1) which extends in the longitudinal direction the teeth on which first gearwheel (2) can be engaged with a plurality of further gearwheels (3) which are in the form of planet wheels and themselves each in turn roll along an inner circumferential face which has a corresponding tooth system of a first hollow gear (4) with a larger diameter. Furthermore a web shaft (11) in the form of a vane is mounted such that it can rotate on the rotatable drive shaft (1) in which web shaft (11) each vane is operatively connected on the one hand to a further gearwheel (3) which is in the form of a planet wheel and on the other hand to the first end of a spring (16). Furthermore a frame (10) which is in the form of an arm is provided and clasps providing a bearing therefor the second smaller diameter which is in the form of an output drive shaft (9) of the hollow gear (4) the second end of the corresponding spring (16) being attached to the respective arm of said frame (10) such that the respective tension springs (16) can on the one hand be loaded between the corresponding holders (15 17) by means of a rotary movement of the web shaft (11) and on the other hand cause the web shaft (11) to rotate in the opposite direction to the upward direction in the event of the actual rapid switching process of the on load tap changer. This energy store according to the invention therefore does not require technically complex conversion of an initial translational upward movement to a rapid rotational main movement as required for the actual on load tap changing process for operation of the switching contacts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2013

(21) Application No.2522/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A CARBON DIOXIDE INJECTION SYSTEM AND A METHOD THEREOFF FOR TREATING WATER

(51) International classification :B01B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Dr.K.DINKARA KINI

(57) Abstract :
A system (100) for regulated injection of gaseous carbon dioxide (CO2) into a circulating fluid stream under pressure is disclosed. The system contains a source of carbon dioxide gas and at least one carbon dioxide gas inlet communicating with a mixing device (110). In addition a plurality of control valves are provided in communication with said carbon dioxide inlet. The carbon dioxide gas is injected at a predetermined pressure into said mixing device (110) to thoroughly mix said gaseous carbon dioxide with said circulating fluid to reduce the pH of the circulating water and thereby reduce the scaling in process plants.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2013

(21) Application No.2523/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF ANTI-AGEING HERBAL DROPS FOR LONGEVITY

(51) International classification :A61K9/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GIRIVAS VISWANATH SHET (INDIAN)

(57) Abstract :
These ingrediants without alcohol used as dry powder preseved by chemicals

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/12/2012

(21) Application No.10174/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BREAST PUMP

(51) International classification :A61M1/06
(31) Priority Document No :10165038.0
(32) Priority Date :07/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/052361
Filing Date :30/05/2011
(87) International Publication No :WO/2011/154867
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant :GROENEWOUDSEWEG 1 EINDHOVEN 5621 BA NETHERLANDS
(72)**Name of Inventor :**
1)HEGEN Marnix

(57) Abstract :
When milk is expressed using a breast pump milk residue is left on a surface of a breast pump funnel (13). The present invention relates to a breast pump with a vibrating means (30) which is configured to induce the breast pump to vibrate to promote the flow of residual milk on a surface of the funnel (13) to flow to a milk collecting vessel (14). The invention also relates to a method of collecting milk residue on a surface of a funnel (13) for a breast pump by vibrating the breast pump after milk has been expressed from a users breast.

No. of Pages : 24 No. of Claims : 13

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

(21) Application No.10175/CHENP/2013 A
(43) Publication Date : 12/12/2014

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

(51) International classification :H04N7/32
(31) Priority Document No :2011143248
(32) Priority Date :28/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/004016
Filing Date :21/06/2012
(87) International Publication No :WO 2013/001752
(61) 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 :
An image decoding apparatus includes a brightness adaptive offset processing section and a color difference adaptive offset processing section. The brightness adaptive offset processing section performs a brightness adaptive offset process with regard to brightness signal of an image to be decoded. The color difference adaptive offset processing section performs a color difference adaptive offset process with regard to a color difference signal based on data generated by the brightness adaptive offset process by the brightness adaptive offset processing section to generate a decoded image.

No. of Pages : 87 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2044/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BLOCK ACKNOWLEDGEMENT WITH RETRANSMISSION POLICY DIFFERENTIATION

(51) International classification :H04L1/16,H04L1/18
(31) Priority Document No :61/388300
(32) Priority Date :30/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/054442
Filing Date :30/09/2011
(87) International Publication No :WO 2012/045049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WENTINK Maarten Menzo

(57) Abstract :
One feature provides a Block Acknowledgement Retransmission Policy (BARP) frame that permits a transmitter to define a retransmission policy on a per frame basis for frames transmitted in a block of frames. A block acknowledgement retransmission policy (BARP) frame is generated by a transmitter that individually identifies a retransmission policy for each frame in a block of frames. The BARP frame is then transmitted to a receiver allowing the receiver to know which frames within a block of frames will be retransmitted and which frames will not be retransmitted.

No. of Pages : 36 No. of Claims : 53

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2045/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MANAGEMENT OF PAGING CHANNEL MONITORING

(51) International classification :H04W72/12
(31) Priority Document No :61/383465
(32) Priority Date :16/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/052024
Filing Date :16/09/2011
(87) International Publication No :WO 2012/037513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DYCK Jeffrey A.
2)LIE Gregory R.
3)MASCIOVECCHIO Roberto
4)JOHNSON Paul R.

(57) Abstract :
Growing demand for high rate wireless data services is increasing the power consumption requirements of mobile devices. In particular some smart mobile devices or smart phones are configured to allow multiple software applications to run simultaneously. Some of the applications receive and/or pull data from servers in communication with the network. The more frequently these software applications are provided with access to the data channel the greater the demand on the power supply. Accordingly there lies a challenge to regulate transmissions to and from a mobile device without adversely impacting quality of service (QoS). A method of managing power while maintaining a robust quality of service (QoS) is provided by managing the frequency at which a paging channel or the like is monitored. Complimentary methods of changing the frequency of transmission of alerts on a paging channel or the like is also provided.

No. of Pages : 42 No. of Claims : 35

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

(21) Application No.3015/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTROL APPARATUS FOR A PISTON / CYLINDER ARRANGEMENTAND A METHOD THEREOF

(51) International classification :F15B11/02
(31) Priority Document No :102005043367.7
(32) Priority Date :12/09/2005
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2006/008026
Filing Date :14/08/2006
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1803/CHENP/2008
Filed on :10/04/2008

(71)**Name of Applicant :**
1)LAEIS GmbH
Address of Applicant :Am Scheerleck 7, L-6868, Wecker, Luxembourg
(72)**Name of Inventor :**
1)HAHN, Matthias
2)LUTZ, Ralph

(57) Abstract :
Control apparatus for a piston/cylinder arrangement has a cylinder and a piston, which is partially accommodated in the cylinder and divides the cylinder interior along the cylinder axis into two subchambers. A supply of a hydraulic fluid to the second subchamber, is required for the hydraulically produced relative movement of the piston in the direction of a first subchamber, can be produced in a first operating mode by means of a first volumetric flow of hydraulic fluid coming from a pump system partially via a first line system and, in a second operating mode, and can be produced by means of a second volumetric flow of hydraulic fluid coming from a reservoir system partially via a second line system. In addition, means are provided for switching from the first operating mode into the second operating mode.

No. of Pages : 45 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2013

(21) Application No.1756/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL 6-AMINO-MORPHINAN DERIVATIVES, METHOD OF MANUFACTURING THEM AND THEIR APPLICATION AS ANALGESICS

(51) International classification :C07D489/08,A61K31/485,A61P25/00
(31) Priority Document No :05019796.1
(32) Priority Date :12/09/2005
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2006/08888
Filing Date :12/09/2006
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :1801/CHENP/2008
Filed on :12/09/2006

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCHUETZ, JOHANNES
2)KAYATZ, PETER

(57) Abstract :
The present invention relates to compounds of formula (I), wherein the substituents are as described in the description.

No. of Pages : 149 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/03/2013

(21) Application No.1877/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WEB PAGE BEHAVIOR ENHANCEMENT CONTROLS

(51) International classification :G06Q50/00,G06Q30/00
(31) Priority Document No :12/887003
(32) Priority Date :21/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/047118
Filing Date :09/08/2011
(87) International Publication No :WO 2012/039848
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MEGIDDO Eran
2)BATTAGIN Daniel
3)WALDMAN Lawrence
4)PRISH Shahar

(57) Abstract :
A web page behavior enhancement (WPBE) control element is provided on a rendered web page enabling a user to perform actions on at least a portion of the web page content such as customizing editing sharing analyzing exporting and/or annotating the content. The processed content may be presented on the original web page on a locally stored version of the web page or archived for subsequent use where any changes to the original web page content may be tracked and the user notified about the changes. The WPBE control element(s) may be embedded into the web page at the source web application or at the local browser based on factors like web application capabilities browser capabilities user preferences usage pattern and comparable ones.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.1995/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DISTRIBUTING DEVICE AND DISTRIBUTING METHOD FOR ABSORBENT ARTICLES

(51) International classification :A61F13/15,A61F13/49,B65G47/46
(31) Priority Document No :2010223041
(32) Priority Date :30/09/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/072904
Filing Date :28/09/2011
(87) International Publication No :WO 2012/043865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ISHIKAWA Osamu
2)IIDA Miwa

(57) Abstract :
This distributing device (1) for absorbent articles is provided with a main conveyor path (4M) a branch conveyor path (4B) that branches from the main conveyor path (4M) a main conveyor path (2M) that conveys absorbent articles along the main conveyor path (4M) a diverting mechanism (3) that diverts absorbent articles in the main conveyor path (4M) from the main conveyor path (4M) to the branch conveyor path (4B) and a branch conveyor mechanism (4B) that conveys the absorbent articles diverted by the diverting mechanism (3) along the branch conveyor path (4B). The diverting mechanism (3) is provided with a diverting part (8A) for diverting the absorbent articles. The diverting part (8A) moves without stopping entering the main conveyor path (4M) from a standby position outside the main conveyor path and then after leaving the main conveyor path (4M) returning to the standby position.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014

(21) Application No.2297/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD OF ASSEMBLING VCSEL CHIPS ON A SUB MOUNT

(51) International classification :H01S5/022,H01S5/183,H01S5/42
(31) Priority Document No :61/545213
(32) Priority Date :10/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055432
Filing Date :08/10/2012
(87) International Publication No :WO 2013/054249
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PRUIJMBOOM Armand
2)DUMOULIN Raimond Louis
3)MILLER Michael

(57) Abstract :
The present invention relates to a method of assembling VCSEL chips (1) on a sub mount (2). A de wetting layer (13) is deposited on a connecting side of the VCSEL chips (1) which is to be connected to the sub mount (2). A further de wetting layer (13) is deposited on a connecting side of the sub mount (2) which is to be connected to the VCSEL chips (1). The de wetting layers (13) are deposited with a patterned design or are patterned after depositing to define connecting areas (21) on the sub mount (2) and the VCSEL chips (1). A solder (15) is applied to the connecting areas (21) of at least one of the two connecting sides. The VCSEL chips (1) are placed on the sub mount (2) and soldered to the sub mount (2) to electrically and mechanically connect the VCSEL chips (1) and the sub mount (2). With the proposed method a high alignment accuracy of the VCSEL chips (1) on the sub mount (2) is achieved without time consuming measures.

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

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

(21) Application No.3024/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FOLDING UNIT FOR PRODUCING FOLDED PACKAGES OF POURABLE FOOD PRODUCTS FROM RELATIVE SEALED PACKS

(51) International classification :B65B61/24,B65B7/20,B65B51/14
(31) Priority Document No :11187351.9
(32) Priority Date :31/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/067244
Filing Date :05/09/2012
(87) International Publication No :WO 2013/064290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GALATA Alessandro

(57) Abstract :
There is described a folding unit (1) for producing folded packages (2) of pourable food products from relative sealed packs (3). The folding unit comprises conveying means (34) fed with a plurality of packs (3) at an input station (21) and advancing the packs (3) along a forming path (B) to an output station (22) and folding means (23 24) cooperating in use with each pack (3) to perform at least one folding operation on said pack (3); the conveying means (34) comprise an endless transport element (60) formed by a plurality of mutually hinged rigid modules (35) and looped about at least one driving sprocket (26) and at least one idler element (25); the idler element (25) comprises cam means (100) cooperating with respective cam followers (101) of the modules (35) and so shaped to compensate the periodical variation of the radius of the modules (35) on the driving sprocket (26) due to their rigidity.

No. of Pages : 45 No. of Claims : 6

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

(21) Application No.3019/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POWER SOURCE DEVICE

(51) International classification :H02J7/00,H01M10/44,H02J7/34
(31) Priority Document No :2012185427
(32) Priority Date :24/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/004944
Filing Date :21/08/2013
(87) International Publication No :WO 2014/030348
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TOYA Shoichi

(57) Abstract :
This power source device (100) comprises a connecting part (40) to which a storage cell pack (200) is connected a power converter for converting DC power outputted from the storage cell pack (200) via the connecting part (40) to first power a power plug (70) connected to an external power source a power supply part (50) to which a power receiver of an external instrument is connected in order to supply the external instrument with either the first power outputted from the power converter or second power which is power supplied from the external power source via the power plug (70) and a switching part for switching between outputting the first power to the power supply part (50) and outputting the second power to the power supply part (50).

No. of Pages : 69 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3093/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TRANSPARENT OLED DEVICE WITH STRUCTURED CATHODE AND METHOD OF PRODUCING SUCH AN OLED DEVICE

(51) International classification :H01L51/52
(31) Priority Document No :61/552830
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055797
Filing Date :22/10/2012
(87) International Publication No :WO 2013/061237
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RUSKE Manfred Stephan
2)SCHWAB Holger
3)LIFKA Herbert

(57) Abstract :
The invention describes an OLED device (1) comprising an organic layer (3) which emits light (L) in operation and which is positioned between an essentially transparent anode layer (5) and an essentially opaque cathode layer (7). The cathode layer (7) is deliberately structured along a main extension plane (EP) of the OLED device to comprise at least one cathode region (11 11a 11b) in which the cathode layer (7) is 10 present and a plurality of cathode free regions (13 13a 13b) and/or at least one cathode free region (13 13a 13b) of a larger extension through which cathode free regions and/or region (13 13a 13b) visible light (L) can pass in the direction of a cross extension (CE) oft he OLED device. The invention also describes a production method of such OLED device (1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3094/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANALYSIS AND CONTROL OF AEROSOL FLOW

(51) International classification :A61M11/00,A61M15/00
(31) Priority Document No :61/552507
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055825
Filing Date :23/10/2012
(87) International Publication No :WO 2013/061248
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)LAMMERS Jeroen Herman
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5)BOOTS Henri Marie Joseph
6)BENTVELSEN Petrus Henricus Cornelius
7)HUIJGEN Hendrik
8)VAN DER SLUIS Paul

(57) Abstract :
An aerosol generation system has a light source arrangement which provides signals at first and second wavelengths and the detected light signals are recorded. The detected signals are processed to derive at least a measure of the aerosol particle size. This can be used in combination with the other parameters which are conventionally measured namely the aerosol density and flow velocity.
Thus optical measurement (possibly in combination with an air flow measurement) can be used to estimate the aerosol output rate as well as the particle size.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3095/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RADIOGRAPHIC APPARATUS FOR DETECTING PHOTONS WITH OFFSET CORRECTION

(51) International classification :G01N23/04,G01T1/16,G01T1/36
(31) Priority Document No :61/551465
(32) Priority Date :26/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055362
Filing Date :05/10/2012
(87) International Publication No :WO 2013/061186
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PROKSA Roland

(57) Abstract :
The invention relates to a detection apparatus for detecting photons such as used in radiographic imaging systems. A detection unit (14) generates detection signal pulses having a detection signal pulse height being indicative of the energy of the detected photons (13) wherein a detection values generation unit (16) generates energy resolved detection values depending on the detection signal pulses. A signal pulse generation unit (15) generates artificial signal pulses having a predefined artificial signal pulse height and a predefined generated rate. The detection values generation unit (16) determines an observed rate being the rate of the artificial signal pulses having an artificial signal pulse height being larger than a predefined threshold as observed by the detection values generation unit (16) and determines an offset of the detection signal pulses depending on the determined observed rate. This allows reliably determining the offset of the detection signal pulses such as produced by dark current drift in radiographic detection devices which can be used for correcting the finally generated detection values.

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

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

(21) Application No.10059/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTEXT ADAPTIVE ENTROPY CODING FOR NON SQUARE BLOCKS IN VIDEO CODING

(51) International classification :H04N7/26
(31) Priority Document No :61/503716
(32) Priority Date :01/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044967
Filing Date :29/06/2012
(87) International Publication No :WO 2013/006446
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SOLE ROJALS Joel
2)JOSHI Rajan Laxman
3)KARCZEWICZ Marta

(57) Abstract :
Disclosed are techniques for coding coefficients of a video block having a nonsquare shape defined by a width and a height comprising coding one or more of x and y coordinates that indicate a position of a last non zero coefficient within the block according to an associated scanning order including coding each coordinate by determining one or more contexts used to code the coordinate based on one of the width and the height that corresponds to the coordinate and coding the coordinate by performing a context adaptive entropy coding process based on the contexts. Also disclosed are techniques for coding information that identifies positions of non zero coefficients within the block including determining one or more contexts used to code the information based on one or more of the width and the height and coding the information by performing a context adaptive entropy coding process based on the contexts.

No. of Pages : 74 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/12/2012

(21) Application No.10338/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRICALLY BROKEN BUT MECHANICALLY CONTINUOUS DIE SEAL FOR INTEGRATED CIRCUITS

(51) International classification :H01L23/58,H01L23/00
(31) Priority Document No :12/784,706
(32) Priority Date :21/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037216
Filing Date :19/05/2011
(87) International Publication No :WO/2011/146755
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)DAVID BANG
2)THOMAS ANDREW MYERS

(57) Abstract :
A semiconductor die has multiple discontinuous conductive segments arranged around a periphery of the semiconductor die, and an electrically insulating barrier within discontinuities between the conductive segments. The conductive segments and the barriers form a mechanically continuous seal ring around the semiconductor die.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2012

(21) Application No.10703/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDICAL TOMOSYNTHESIS SYSTEM

(51) International classification :A61B6/00,A61B6/02
(31) Priority Document No :10167521.3
(32) Priority Date :28/06/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/052688
Filing Date :20/06/2011
(87) International Publication No :WO/2012/001572
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MAACK Hanns-Ingo

(57) Abstract :
The invention relates to a medical tomosynthesis system (10) having an interventional device (15) and an image acquisition device (11 12) for acquiring images of a subject volume in a plurality of angular positions around the subject volume. In the system a three-dimensional geometrical model of the interventional unit is used to identify the projection angles of the image acquisition device that actually can be used. Preferably this three-dimensional model is achieved by reconstructing it from projection images acquired with the X-ray image acquisition device. The invention also relates to a method for acquiring images with such a system.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2012

(21) Application No.10706/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INFUSION UNIT WITH VARIABLE VOLUME INFUSION CHAMBER

(51) International classification :A47J31/06,A47J31/36
(31) Priority Document No :FI2010A000139
(32) Priority Date :29/06/2010
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2011/052757
Filing Date :23/06/2011
(87) International Publication No :WO/2012/001592
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CASTELLI Cristiano
2)TONELLI Stefano

(57) Abstract :
The infusion unit comprises an infusion chamber (25 31) for coffee or other product wherefrom through water under pressure the flavours are extracted for making the beverage. The infusion chamber comprises at least one yielding wall (33) for adjusting the volume of the closed infusion chamber to the amount of product contained into said infusion chamber. Moreover a variable volume chamber is (49) provided filled with a liquid and connected to the yielding wall (33) so that the volume of the variable volume chamber filled with liquid varies according to the position taken by said yielding wall (33) when the infusion chamber is closed. The position of the yielding wall (33) is locked when the infusion chamber is closed preventing the liquid flow from and into said variable volume chamber filled with liquid.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2014

(21) Application No.3150/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH STRENGTH BLENDS BASED ON POLYARYLENE ETHERS

(51) International classification :C08G75/23,C08L81/06,C08L67/00
(31) Priority Document No :11183488.3
(32) Priority Date :30/09/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/067778
Filing Date :12/09/2012
(87) International Publication No :WO 2013/045268
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MALETZKO Christian
3)HENNENBERGER Florian

(57) Abstract :
The present invention relates to moulding compounds comprising (A) from 29 to 89% by weight of at least one polyarylene ether sulphone having a mean number of phenolic end groups per chain from 0 to 0.2 (B) from 0.5 to 20% by weight of a thermotropic polymer (C) from 0.5 to 10% by weight of a polyarylene ether having predominantly OH end groups (D) from 10 to 70% by weight of at least one fibrous or particulate filler (E) from 0 to 40% by weight of additive or processing auxiliaries wherein the sum of the weight fractions gives 100% by weight based on the thermoplastic moulding compound.

No. of Pages : 26 No. of Claims : 9

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

(21) Application No.10050/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDICAL AIR MATTRESS METHOD TO INFLATE/DEFLATE A MEDICAL AIR MATTRESS AND METHOD TO INCLINE THE BEARING SURFACE OF A MEDICAL AIR MATTRESS

(51) International classification :A61G7/057,A47C27/10
(31) Priority Document No :11170191.8
(32) Priority Date :16/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/001202
Filing Date :18/06/2012
(87) International Publication No :WO 2012/172421
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHIANG Kueng Neng
2)LIANG Hslu Lun

(57) Abstract :
A medical air mattress has a mattress body (30) a lower bedspread (10) and an upper bedspread (50). The mattress body (30) is formed by multiple air cells substantially parallel arranged in a row forming an air cell row. The upper bedspread (50) covers the mattress body (30) and is securely connected to the lower bedspread (10). The mattress further comprises a pumping assembly (70) with a pump (71) and at least a pipeline connecting the pump (71) with the air cells such that inflating and/or deflating of the air cells is controllable selectively.

No. of Pages : 59 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/12/2012

(21) Application No.10327/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CALCULATING DISPARITY FOR THREE-DIMENSIONAL IMAGES

(51) International classification :H04N13/00
(31) Priority Document No :12/814,651
(32) Priority Date :14/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/040302
Filing Date :14/06/2011
(87) International Publication No :WO/2011/159673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KARCZEWICZ Marta

(57) Abstract :
An apparatus may calculate disparity values for pixels of a two-dimensional image based on depth information for the pixels and generate a second image using the disparity values. The calculation of the disparity value for a pixel may correspond to a linear relationship between the depth of the pixel and a corresponding disparity range. In one example an apparatus for rendering three-dimensional image data includes a view synthesizing unit configured to calculate disparity values for a plurality of pixels of a first image based on depth information associated with the plurality of.....

No. of Pages : 45 No. of Claims : 46

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

(21) Application No.2015/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMMUNOTHERAPY AND DIAGNOSIS OF MUCORMYCOSIS USING COTH

(51) International classification :A61K39/00,C12N15/74,A61K48/00
(31) Priority Document No :61/535257
(32) Priority Date :15/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055659
Filing Date :14/09/2012
(87) International Publication No :WO 2013/040517
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIU Mingfu
3)GHEBREMARIAM Teklegiorgis
4)FU Yue
5)EDWARDS John E.
6)FILLER Scott

(57) Abstract :
The invention provided Mucorales CotH polypeptides and encoding nucleic acid molecules. The Mucorales CotH polypeptides and encoding nucleic acids can be advantageously used to diagnose treat or prevent fungal conditions in particular mucormycosis.

No. of Pages : 135 No. of Claims : 41

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

(21) Application No.2016/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR FILTERING AND PROCESSING RECEIVED VEHICLE PEER TRANSMISSIONS BASED ON RELIABILITY INFORMATION

(51) International classification :H04L29/08,G08G1/09,H04W4/04
(31) Priority Document No :13/252084
(32) Priority Date :03/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/000492
Filing Date :03/10/2012
(87) International Publication No :WO 2013/052127
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KRISHNASWAMY Dilip
2)WU Xinzhou
3)LI Junyi

(57) Abstract :
Methods and devices for processing and retransmitting highway communication system transmissions include determining a reliability of a received message and including an indication of the reliability in retransmitted transmissions. Reliability of received messages may be based on a signal strength of the received peer transmission comparison of the signal strength to a distance to the transmitter based on message contents the age of the received message the signal quality of the received message and other parameters. An indication of the determined reliability may be included in retransmissions of the message to enable other vehicles and receiver units in the highway communication system to benefit from the reliability determination. Message reliability may be used as part of prioritizing messages for processing. Messages may be processed according to priority so that high priority messages are processed before lower priority messages.

No. of Pages : 56 No. of Claims : 84

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2014

(21) Application No.3178/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTEXT STATE AND PROBABILITY INITIALIZATION FOR CONTEXT ADAPTIVE ENTROPY CODING

(51) International classification :H03M7/40,H04N7/30
(31) Priority Document No :61/555469
(32) Priority Date :03/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/063070
Filing Date :01/11/2012
(87) International Publication No :WO 2013/067186
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GUO Liwei
2)WANG Xianglin
3)KARCZEWICZ Marta
4)SOLE ROJALS Joel

(57) Abstract :
In one example an apparatus for context adaptive entropy coding may include a coder configured to determine one or more initialization parameters for a context adaptive entropy coding process based on one or more initialization parameter index values. The coder may be further configured to determine one or more initial context states for initializing one or more contexts of the context adaptive entropy coding process based on the initialization parameters. The coder may be still further configured to initialize the contexts based on the initial context states. In some examples the initialization parameters may be included in one or more tables wherein to determine the initialization parameters the coder may be configured to map the initialization parameter index values to the initialization parameters in the tables. Alternatively the coder may be configured to calculate the initialization parameters using the initialization parameter index values and one or more formulas.

No. of Pages : 85 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013

(21) Application No.10203/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOLECULAR ARCHITECTURE ON MAGNETIC PARTICLES FOR AFFINITY ASSAYS WITH LOW NON SPECIFIC BINDING

(51) International classification :G01N33/543
(31) Priority Document No :11172054.6
(32) Priority Date :30/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/053215
Filing Date :26/06/2012
(87) International Publication No :WO 2013/001447
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RANZONI Andrea
2)SABATTE Gwnola
3)PRINS Menno Willem Jose

(57) Abstract :
The present invention relates to a coating for preventing non specific binding of molecules to a surface layer comprising an affinity molecule said coating comprises single layer comprising non affine spacer molecules forming a mesh; or a shell structure wherein said shell structure comprises a first layer comprising one or more affinity molecules and further a second layer which is coupled to the first layer and wherein said first and second layer comprise non affine spacer molecules forming a mesh. The present invention further relates to a particle a flat structure or a matrix comprising such a coating. In a further aspect the present invention relates to the use of the coating coated particle coated flat structure or coated matrix for detection and/or purification of a specific target biomolecule from a sample and/or determination of the concentration of the specific target biomolecule. The present invention further relates to an assay for the detection of specific target biomolecules from a sample and/or determination of the concentration of specific target biomolecules comprising the use of such coating coated particle coated flat structure or coated matrix in particular coated nanoparticles.

No. of Pages : 50 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013

(21) Application No.10204/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ASSISTING AIRWAY CLEARANCE

(51) International classification :A61M16/00
(31) Priority Document No :61/502357
(32) Priority Date :29/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/053048
Filing Date :18/06/2012
(87) International Publication No :WO 2013/001398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MCDANIEL Christopher Wayne

(57) Abstract :
A method of assisting a patient with airway clearance includes providing a positive pressure insufflation gas flow to the patient during an insufflation phase following completion of the insufflation phase causing the patient to enter an expiratory hold condition wherein the patient is prevented from exhaling providing an abdominal thrust to the patient while the patient is in the expiratory hold condition terminating the expiratory hold condition and following termination of the expiratory hold condition providing a negative pressure exsufflation gas flow to the patient during an exsufflation phase.

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013

(21) Application No.10208/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MONITORING STREAMING MEDIA CONTENT

(51) International classification :H04N21/43
(31) Priority Document No :61/499520
(32) Priority Date :21/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/043535
Filing Date :21/06/2012
(87) International Publication No :WO 2012/177866
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BESEHANIC Jan

(57) Abstract :
Methods apparatus and articles of manufacture to monitor streaming media content are disclosed. An example method disclosed herein to monitor streaming media content comprises extracting metering data having a first format from media content to be provided to a content presentation device via a transport stream the extracted metering data identifying at least one of the media content or a source of the media content the extracted metering data not being decodable by a meter associated with the content presentation device transcoding the extracted metering data to form transcoded metering data having a second format decodable by the meter associated with the content presentation device and encoding the transcoded metering data into a metadata channel to send the transcoded metering data to the content presentation device the metadata channel being associated with the transport stream.

No. of Pages : 84 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3200/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND MULTIMEDIA UNIT FOR PROCESSING A DIGITAL BROADCAST TRANSPORT STREAM

(51) International classification	:H04N21/437,H04N21/258,H04N21/266
(31) Priority Document No	:11187260.2
(32) Priority Date	:31/10/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/069693 :05/10/2012
(87) International Publication No	:WO 2013/064325
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)WENDLING Bertrand

(57) Abstract :
The present invention refers to a method for managing a processing of a digital broadcast transport stream (10) received from a broadcaster (20) through a network (50) by a multimedia unit (30) identified by a personal identifier. This multimedia unit is connectable to a security module (38) associated to the multimedia unit. This multimedia unit is also connectable to a server (40) through an IP connection (45) provided with a return path (43). The transport stream (10) comprising scrambled content packets (15) and scrambled conditional access messages (12) which are necessary for descrambling the content packets. The method comprising the steps of: sending the conditional access messages (12) for their processing from the multimedia unit (30) either to the server (40) through the return path (43) or to the security module (38) depending on a selection command verifying the authentication of the multimedia unit (30) and/or the validity of access rights allocated to the multimedia unit (30); if the authentication fails or if the allocated rights are not valid then preventing any further processing of the conditional access message (12) securely obtaining at the multimedia unit (30) the control data (13) corresponding to the conditional access messages (12) descrambling the audio/video/data content packets (15) by means of the control data (13) at the multimedia unit (30).

No. of Pages : 26 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2013

(21) Application No.2441/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A LIGHTWEIGHT MULTIPURPOSE VEHICLE

(51) International classification :B60K17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Mandalapu Sai Aditya

(57) Abstract :
The present invention relates to a lightweight multipurpose vehicle, wherein the lightweight multipurpose vehicle further comprises an engine run by petrol and natural gas, a three phase or a single phase electric induction motor sourced from batteries, paddles, inverters and a switch that allows the driver to drive the lightweight multipurpose vehicle by using at least one of an engine , or a three phase or a single phase electric induction motor powered by batteries or by paddles that have chains to transfer energy from the pedal to rear wheel, so as to rotate the rear wheel, to move the lightweight multipurpose vehicle of the present invention. The lightweight multipurpose vehicle of the present invention also generates electricity sufficient to power all electrical/electronic devices in house.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2013

(21) Application No.2442/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING POSITION OF A USER WITH RESPECT TO A GEOFENCE

(51) International classification :g06t
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BABU, SWARNA RAVINDRA

(57) Abstract :
The present invention provides a method and apparatus for determining position of user with respect to a geo-fence. In one embodiment, first position coordinates of user is computed. Subsequently, second position coordinates of the user is computed. Thereafter, an edge of a virtual boundary encompassing a geo-fence which is in close proximity to the user is determined. Further, it is determined whether the user is inside the virtual boundary based on the first position coordinates, the second position coordinates and the determined edge. Furthermore, a line segment of the geo-fence in close proximity to the user and along the direction of movement of the user is identified. Thereafter, it is determined whether the user has entered the geo-fence based on the first position coordinates, the second position coordinates and the identified line segment. Moreover, a notification indicating that the user has entered the geo-fence is generated based on the determination.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2014

(21) Application No.3117/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LEVER FIT TYPE CONNECTOR

(51) International classification :H01R13/639,H01R13/629
(31) Priority Document No :2011239432
(32) Priority Date :31/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078763
Filing Date :31/10/2012
(87) International Publication No :WO 2013/065865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KODAMA Shinji
2)MOCHIZUKI Keita

(57) Abstract :
A lever fit type connector includes: a first connector; a lever provided on the first connector; and a second connector configured to be fitted with the first connector by an operation of the lever wherein the lever includes a U shaped elastic member including: a proximal end portion fixed to the lever; a distal end portion projecting in a vertical direction; a projecting portion projecting in a horizontal direction in the vicinity of the distal end portion; a U shaped portion disposed between the proximal end portion and the distal end portion; and an engaging portion disposed between the distal end portion and the U shaped portion the U shaped elastic member has a clearance between the proximal end portion and the distal end portion in the horizontal direction and one of the first and second connectors includes an engaging portion operable to be engaged with the engaging portion of the U shaped elastic member.

No. of Pages : 58 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/08/2012

(21) Application No.3413/CHE/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : Method and System for Facilitating Communication between Communication Devices

(51) International classification :h04m
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)C. Chaitanya
2)Atul Sharma

(57) Abstract :
Method and system for facilitating communication between a first communication device and a second communication device are provided. The first communication device initiates a call to the second communication device via a telecommunications network. The second communication device acknowledges the call and establishes a telecommunication channel with the first communication device. The first communication device transmits the location information of the first communication device to the second communication device. The location information is encoded in dual-tone multi frequency (DTMF) tones. The first communication device comprises at least one of a smart phone a cellular phone a notebook a tablet a personal computer and a personal digital assistant. The second communication device comprises at least one of an interactive voice response (IVR) system and a telecommunication server.

No. of Pages : 23 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2012

(21) Application No.10250/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INNOVATIVE DISCOVERY OF THERAPEUTIC DIAGNOSTIC AND ANTIBODY COMPOSITIONS RELATED TO PROTEIN FRAGMENTS OF PHENYLALANYL-BETA-TRNA SYNTHETASES□

(51) International classification	:A61K38/16,A61K38/17,A61K39/395
(31) Priority Document No	:61/345,020
(32) Priority Date	:14/05/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/036326 :12/05/2011
(87) International Publication No	:WO/2011/143482
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)VASSEROT Alain P.
5)LO Wing-Sze
6)WATKINS Jeffry D.
7)QUINN Cheryl L.
8)XU Zhiwen
9)MENDLEIN John D.

(57) Abstract :
Provided are compositions comprising newly identified protein fragments of aminoacyl-tRNA synthetases polynucleotides that encode them and complements thereof related agents and methods of use thereof in diagnostic drug discovery research and therapeutic applications

No. of Pages : 244 No. of Claims : 125

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2013

(21) Application No.10256/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTILAYER INJECTION MOLDED BODY

(51) International classification :C08G
(31) Priority Document No :2011142172
(32) Priority Date :27/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065647
Filing Date :19/06/2012
(87) International Publication No :WO 2013/002073
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ARAKAWA Shota
2)ODA Takafumi
3)OTAKI Ryoji
4)ISHII Kentaro

(57) Abstract :
A multilayer injection molded body that contains the following: a layer (X) formed from a resin composition that contains a polyamide compound (A) and a resin (B); and a layer (Y) consisting primarily of another resin (C). The polyamide compound (A) contains the following: 25 50 mol% of diamine units which in turn include at least 50 mol% of a specific diamine unit; 25 50 mol% of dicarboxylic acid units which in turn include at least 50 mol% of a specific dicarboxylic acid unit; and 0.1 50 mol% of a specific constitutional unit.

No. of Pages : 81 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014

(21) Application No.2248/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR MANUFACTURING PRESS MOLDED ARTICLE AND PRESS MOLDING EQUIPMENT

(51) International classification :B21D22/20,B21D24/00,C21D1/18
(31) Priority Document No :2011218348
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/074571
Filing Date :25/09/2012
(87) International Publication No :WO 2013/047526
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)OKITA Keisuke
2)NAITOU Junya
3)IKEDA Shushi

(57) Abstract :
A method for press molding a thin steel plate using a press molding mold and manufacturing a molded article wherein the thin steel plate is heated to a temperature equal to or higher than the Ac transformation point subsequently cooled to a temperature equal to or less than 600°C and then molded using the mold. Molding is completed at a temperature equal to or higher than the martensite start temperature (Ms) whereupon the steel sheet is released from the mold and tempered whereby a press molded article is productively manufactured the article having excellent formability to the extent of being suitable for deep drawing.

No. of Pages : 37 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2014

(21) Application No.3120/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF DETERMINING ORTHOGONAL RESOURCE BASED ON VIRTUAL CELL ID IN COMP COMMUNICATION SYSTEM

(51) International classification :H04W8/26
(31) Priority Document No :201110296400.8
(32) Priority Date :30/09/2011
(33) Name of priority country :China
(86) International Application No :PCT/IB2012/002170
Filing Date :21/09/2012
(87) International Publication No :WO 2013/046024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHU Xudong
2)LIU Jin
3)YANG Yubo

(57) Abstract :
The invention provides a solution in a reception point of a communication system of providing a user equipment with a virtual cell ID where firstly a virtual cell ID corresponding to the reception point is received from a network control device the virtual cell ID being used for indicating a cluster to which the reception point belongs; then the virtual cell ID is provided to at least one user equipment served by the reception point; and finally resource index information corresponding to each user equipment among the at least one user equipment is transmitted respectively to the each user equipment. There is further provided a solution in a user equipment of a communication system of determining an orthogonal resource where firstly a virtual cell ID of the reception point is obtained; then resource index information corresponding to the present user equipment is received from the reception point; next an orthogonal resource corresponding to the present user equipment is determined according to the virtual cell ID and the resource index information; and finally uplink control information is transmitted to the reception point over the determined orthogonal resource. A tradeoff between the number of orthogonal resources and interference intensity can be achieved by applying of the invention.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/06/2013

(21) Application No.4892/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DIGITAL DETECTOR

(51) International classification :A61B6/14
(31) Priority Document No :61/425867
(32) Priority Date :22/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/066432
Filing Date :21/12/2011
(87) International Publication No :WO 2012/088243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOTHOREL Sylvie
3)RANKIN PAROBEK Donna K.

(57) Abstract :
An extra oral dental imaging apparatus for obtaining an image from a patient has a radiation source and a digital imaging sensor that provides for each of a number of image pixels at least a first digital value according to a count of received photons that exceed at least a first energy threshold. A mount supports the radiation source and the digital imaging sensor on opposite sides of the patient s head. There can be a computer in signal communication with the digital imaging sensor for acquiring one or more two dimensional images.

No. of Pages : 51 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10480/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ORGANIC COMPOUNDS

(51) International classification :A23L1/226,C07D215/06,C07D221/04
(31) Priority Document No :PCT/CN2010/000914
(32) Priority Date :22/06/2010
(33) Name of priority country :PCT
(86) International Application No :PCT/EP2011/060451
Filing Date :22/06/2011
(87) International Publication No :WO/2011/161163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)GOEKE Andreas
2)ZHOU Li Jun

(57) Abstract :
Compounds of formula (I) wherein: n = 0 1 2 3 and R = C2-C6 linear and branched alkyl alkenyl and cycloalkyl substituents are interesting flavor or fragrance ingredients having herbal-green aspects.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/12/2012

(21) Application No.10482/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DECOUPLER ASSEMBLY WITH SLIDING INTERFACE BETWEEN HUB AND PULLEY

(51) International classification :F16D43/24,B60K25/00,F02B67/06
(31) Priority Document No :61/347,916
(32) Priority Date :25/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/000618
Filing Date :25/05/2011
(87) International Publication No :WO/2011/147024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MARION Patrick
2)WILSON Lucas

(57) Abstract :
In one aspect the invention is directed to a decoupler assembly for between an endless drive element and a shaft. The endless drive element may be for example an accessory drive belt from a vehicular engine. The shaft may be for example the input shaft of a belt-driven accessory such as an alternator or a compressor. The decoupler assembly includes a hub that mounts to the shaft a pulley that is rotatable with respect to the hub a dampening spring and a clutch member.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2013

(21) Application No.4471/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTERACTIONS WITH CONTEXTUAL AND TASK BASED COMPUTING ENVIRONMENTS

(51) International classification :G06F9/44,G06F9/48,G06F3/048
(31) Priority Document No :12/973919
(32) Priority Date :21/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/065704
Filing Date :19/12/2011
(87) International Publication No :WO 2012/087850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VANIK Benjamin William

(57) Abstract :
Concepts and technologies are described herein for interacting with contextual and task focused computing environments. Tasks associated with applications are described by task data. Tasks and/or batches of tasks relevant to activities occurring at a client are identified and a UI for presenting the tasks is generated. The UIs can include tasks and workflows corresponding to batches of tasks. Workflows can be executed interrupted and resumed on demand. Interrupted workflows are stored with data indicating progress contextual information UI information and other information. The workflow is stored and/or shared. When execution of the workflow is resumed the same or a different UI can be provided based upon the device used to resume execution of the workflow. Thus multiple devices and users can access workflows in parallel to provide collaborative task execution.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2014

(21) Application No.503/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SPECTRALLY SELECTIVE PANEL

(51) International classification :G02B5/20,G02B5/26,E06B3/66
(31) Priority Document No :2011902631
(32) Priority Date :01/07/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000787
Filing Date :29/06/2012
(87) International Publication No :WO 2013/003894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VASILIEV Mikhail
3)ALAMEH Kamal

(57) Abstract :
The present disclosure provides a spectrally selective panel that comprises a first panel portion that is at least partially transmissive for light having a wavelength in the visible wavelength range. The panel also comprises a first reflective component that is arranged to reflect incident light within an infrared (IR) wavelength band and within an ultraviolet (UV) wavelength band while being at least partially transmissive for light having a wavelength within the visible wavelength band.

No. of Pages : 50 No. of Claims : 38

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

(21) Application No.524/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A MASTICATING SEPARATOR FOR SEPARATING FRUIT OR VEGETABLE JUICE FROM FRUIT OR VEGETABLE PULP

(51) International classification :A47J19/02,A47J19/06
(31) Priority Document No :61/508121
(32) Priority Date :15/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/053570
Filing Date :12/07/2012
(87) International Publication No :WO 2013/011429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SAUER Stefan
2)STOLK Theodoor
3)CORNELISSEN Marjan Willeke Esther

(57) Abstract :
The present invention relates to a masticating separator for separating fruit or vegetable juice from fruit or vegetable pulp. The masticating separator comprises a housing (21) an inner wall (43) in the housing (21) an auger (22 71) rotatably mounted in the housing (21) a cavity (46) defined between an outer surface (39 86) of the auger (22 71) and the inner wall (43) to receive pulp and juice and a juice passageway (44) separated from the cavity (46). An elongate aperture (52) is formed in the inner wall (43) extending between the cavity (46) and the juice passageway (44). Therefore when the auger (22 71) is rotated about its longitudinal axis to urge pulp and juice along the cavity (46) juice in the cavity (46) is urged to flow through the aperture (52) to the juice passageway (44).

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/03/2014

(21) Application No.1900/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTONOMOUS VEHICLE AND TASK MODELLING

(51) International classification :G05D1/02,G06F9/44
(31) Priority Document No :1116221.1
(32) Priority Date :15/09/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052249
Filing Date :12/09/2012
(87) International Publication No :WO 2013/038175
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
A method and apparatus for the performance thereof comprising providing a first meta model (8 9) thereby providing a basis for a first model; providing a second meta model (8 9) thereby providing a basis for a second model; providing the first model; and using the first model and a set of transformations between the first and second meta models (8 9) determining the second model; wherein either the first model is of a given task; the second model is of an autonomous vehicle (2); and the method further comprises providing the autonomous vehicle (2); or the first model corresponds to a given autonomous vehicle (2); the second model corresponds to a task; and the method further comprises using the given autonomous vehicle (2) to perform the task.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014

(21) Application No.2267/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DISTRIBUTED ANTENNA SYSTEMS AND METHODS OF WIRELESS COMMUNICATIONS FOR FACILITATING SIMULCASTING AND DE SIMULCASTING OF DOWNLINK TRANSMISSIONS

(51) International classification :H04B7/12,H04B7/02
(31) Priority Document No :61/547639
(32) Priority Date :14/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060040
Filing Date :12/10/2012
(87) International Publication No :WO 2013/056106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LOTT Christopher Gerard
3)SUN Jing
4)YAZDI Kambiz Azarian
5)ATTAR Rashid Ahmed Akbar
6)GOWAIKAR Radhika
7)GHOSH Donna

(57) Abstract :
Distributed antenna systems (DASs) can include a plurality of spatially separated remote antenna units. According to at least one example a first group of remote antenna units can simulcast downlink transmissions on a first carrier with a particular sector identity (ID). A second group of remote antenna units including at least one different remote antenna unit from the first group can simulcast downlink transmissions on a second carrier with the same sector ID. According to at least one other example two or more remote antenna units which include respective coverage areas that are non adjacent to one another can be employed to simulcast downlink transmissions.

No. of Pages : 63 No. of Claims : 24

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

(21) Application No.2330/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE FOR STORING HOT CORROSIVE FLUIDS AND USE OF THE DEVICE

(51) International classification :F28D20/00
(31) Priority Document No :10182291.4
(32) Priority Date :29/09/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2011/065550
Filing Date :08/09/2011
(87) International Publication No :WO 2012/041679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MAJOR Felix
4)SCHIERLE ARNDT Kerstin
5)MACHHAMMER Otto
6)HUBER G¼nther
7)MAURER Stephan
8)GEYER Karolin
9)LUTZ Michael
10)G„RTNER Martin

(57) Abstract :
The invention relates to a device for receiving hot corrosive liquids (7) comprising a chamber enclosed by a wall (21) for receiving the liquid (7) wherein the chamber comprises an interior insulation (19). The invention further relates to a use of the device for storing corrosive liquids for storing a heat storage medium comprising sulfur.

No. of Pages : 30 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2013

(21) Application No.417/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SIMULTANEOUS OPERATION OF SHORT RANGE WIRELESS SYSTEMS WITH A MOBILE WIRELESS BROADBAND SYSTEM

(51) International classification :H04H
(31) Priority Document No :61/366134
(32) Priority Date :20/07/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/044756
Filing Date :20/07/2011
(87) International Publication No :WO 2012/012583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LINSKY Joel

(57) Abstract :
Simultaneous operation of a short ranged time division duplex (TDD) system with a mobile wireless broadband system may be implemented through scheduling and aligning both sets of communications. After determining a TDD frame configuration of the mobile wireless broadband system a slot map is generated identifying slot size selection information for each slot in the TDD frame configuration available for simultaneous operation. The slot size selection information aligns the communication packet structure of the short ranged TDD system and the uplink/downlink boundary of the TDD frame configuration. The communication device then transmits the slot map to a short ranged TDD device for establishing the simultaneous operation.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/07/2013

(21) Application No.5257/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOBILE COMMUNICATION METHOD, MOBILE MANAGEMENT NODES, AND SERVING GATEWAYS

(51) International classification :H04W68/00,H04W76/04
(31) Priority Document No :2011-002555
(32) Priority Date :07/01/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/077486
Filing Date :29/11/2011
(87) International Publication No :WO 2012/093531 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NISHIDA, KATSUTOSHI
2)TAMURA, TOSHIYUKI

(57) Abstract :
This mobile communication method is for a mobile communication system, whereby, when MME#1 is restarted in a first state in which PDN connection #1, which includes one or multiple EPS bearer #1s, is established between a UE and S-GW#1 and P-GW#1, the system transitions to a second state in which PDN connection #1 is released between the UE and S-GW#1, and PDN connection #1 is maintained only between S-GW#1 and P-GW#1. The second state has a step in which, after MME#1 detects that the UE involved is being reattached, the UE is not paged when a DDN containing the IMSI of the UE is received.

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

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

(21) Application No.3018/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING LITHOGRAPHIC PRINTING PLATE

(51) International classification :G03F7/033,G03F7/00,G03F7/004
(31) Priority Document No :2011209916
(32) Priority Date :26/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073577
Filing Date :14/09/2012
(87) International Publication No :WO 2013/047228
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :26 30 Nishiazabu 2 chome Minato ku Tokyo 1068620 Japan
(72)**Name of Inventor :**
1)SONOKAWA Koji
2)FUKUDA Tsubasa

(57) Abstract :
The purpose of the present invention is to provide a method for producing a lithographic printing plate exhibiting excellent printing durability ink adhesion and stain resistance during printing wherein it is possible to perform one bath treatment. This method for producing a lithographic printing plate is characterized by involving: a step for forming a negative lithographic printing original plate having on a support body a photopolymerizable light sensitive layer containing a urethane acryl hybrid polymer and/or an acryl polymer having a monomer unit derived from a vinyl carbazole compound; a step for exposing the negative lithographic printing original plate for an image; and a step for developing the exposed negative lithographic printing original plate by means of a developing solution which at least contains a compound(component A) represented by formula (I) and water (component B) and has a pH between 4 and 10 and an organic solvent content of less than 5 mass%. Moreover the method is characterized by not involving a water washing step and a gumming step before and after the developing step. In formula (I) R represents a substituted or non substituted phenyl group 1 naphthyl group or 2 naphthyl group and n represents an integer between 4 and 20.

No. of Pages : 121 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3090/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRE COLLAPSED CAPACITIVE MICRO MACHINED TRANSDUCER CELL WITH PLUG

(51) International classification :B06B1/02
(31) Priority Document No :61/552485
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055605
Filing Date :15/10/2012
(87) International Publication No :WO 2013/061204
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DIRKSEN Peter
2)DEKKER Ronald
3)HENNEKEN Vincent Adrianus
4)LEEUWENSTEIN Adriaan
5)MARCELIS Bout
6)FRASER John Douglas

(57) Abstract :
totalsubtotalThe present invention relates to a pre collapsed capacitive micro machined transducer cell (10) comprising a substrate (12) and a membrane (14) disosed above a total membrane area ((A) wherein a cavity (20) is formed between the membrane (14) and the substrate (12) the membrane (14) comprising a hole (15) and an edge portion (14a) surrounding the hole (15) the edge portion (14a) of the membrane (14) being collapsed to the substrate (12). The cell further comprises a plug (30) arranged in the hole (15) of the membrane (14) the plug (30) being located only in a subarea (A) of the total membrane area (A). The present invention further relates to a method of manufacturing such pre collapsed capacitive micro machined transducer cell (10).

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3091/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRE COLLAPSED CAPACITIVE MICRO MACHINED TRANSDUCER CELL WITH STRESS LAYER

(51) International classification :B06B1/02
(31) Priority Document No :61/552482
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055919
Filing Date :26/10/2012
(87) International Publication No :WO 2013/061298
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)LEEUWESTEIN Adriaan
5)MARCELIS Bout
6)FRASER John Douglas

(57) Abstract :
The present invention relates to a pre collapsed capacitive micro machined transducer cell (10) comprising a substrate (12) and a membrane (14) disposd above a total membrane area (Atota|) wherein a cavity (20) is formed between the membrane (14) and the substrate (12) the membrane comprising a hole (15) and an edge portion (14a) surrounding the hole (15). The cell (10) further comprises a stress layer (17) on the membrane (14) the stress layer (17) having a predetermined stress value with respect to the membrane (14) the stress layer (17) being adapted to provide a bending moment on the membrane (14) in a direction towards the substrate (12) such that the edge portion (14a) of the membrane (14) is collapsed to the substrate (12). The present invention further relates to a method of manufacturing such pre collapsed capacitive micro machined transducer cell (10).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2012

(21) Application No.5374/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A WIND TURBINE HAVING A CONTROL METHOD AND CONTROLLER FOR PERFORMING PREDICTIVE CONTROL OF A WIND TURBINE GENERATOR

(51) International classification :F03D7/02
(31) Priority Document No :0922385.0
(32) Priority Date :21/12/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2010/003296
Filing Date :31/05/2010
(87) International Publication No :WO 2011/076295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SPRUCE, CHRISTOPHER
2)BOWYER, ROBERT
3)CREABY, JUSTIN

(57) Abstract :
The application describes a wind turbine having a control method and controller for performing predictive control of a wind turbine generator. Based on the measured instantaneous wind speed, it is known to provide control signals to a wind turbine in order to control the pitch of the wind turbine rotor blades and the speed of the generator. However, it is difficult using instantaneous wind speed measurements to achieve smooth control, due to finite response speeds of the associated electro-mechanical systems, as well as the constantly changing control system inputs. The predictive control system described in the application assumes a model of generator speed based on the values of the incident wind speed v(t) and the values of a control signal u(t) output to the wind turbine in a feed forward loop. Here, the control signal can be for one or more of controlling either the power setting of the generator, or the pitch angle of the rotor blades. The predictive controller uses a rolling time series of values for v(t) and u(t) and based on a predicted response of the generator speed w(t) optimises the time series control signal u(t). The predicted response of the generator speed w(t) is based on model, that can be refined in real time as the wind turbine operates.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2013

(21) Application No.1894/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CODING SYSTEM FOR A DRUG DELIVERY DEVICE AND DRUG DELIVERY SYSTEM

(51) International classification :A61M5/24
(31) Priority Document No :61/373376
(32) Priority Date :13/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/063844
Filing Date :11/08/2011
(87) International Publication No :WO 2012/020086
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CERMAN Zdenek
2)SHARPE Timothy Lewis
3)LANGLEY Christopher Nigel
4)AVERY Richard James Vincent
5)BUTLER Joseph
6)HEALD Michael

(57) Abstract :
A system for reducing the risk of an incorrect selection or dispensing of a drug dose for use with a cartridge (120) and a cartridge holder (104) so as to prevent unwanted reservoir cross use. The coding system for use with the drug delivery device includes a first partial code feature (150) and a second partial code feature (152). The first partial code feature and the second partial code feature cooperate to supply a combined visual indicator (154) when the cartridge is assembled to the holder for indicating that a correct cartridge has been assembled to the holder.

No. of Pages : 53 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2013

(21) Application No.1895/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHOD FOR ELECTROMAGNETIC STIRRING IN AN ELECTRICAL ARC FURNACE

(51) International classification :C21C5/52,F27B3/10,F27D27/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2010/063479
Filing Date :14/09/2010
(87) International Publication No :WO 2012/034586
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)RAHMANI Mohamed Ali
3)WIDLUND Ola
4)HJORTSTAM Olof
5)BEL FDHILA Rebei
6)SANDER TAVALLAEY Shiva
7)SAND Ulf
8)ZHANG Xiaojing
9)KROON Tord

(57) Abstract :
An apparatus (11) for electromagnetic stirring of the steel melt in an electrical arc furnace (10) comprises two electromagnetic stirrer units (12 13) a current supply (14) and a control unit (15). The two stirrers are mounted on an outer bottom surface (10a) of the electrical arc furnace at opposites sides of a central position (10b) of the bottom surface the current supply is operatively connected to the two electromagnetic stirrer units and the control unit is operatively connected to the current supply to control the operation of the two electromagnetic stirrer units.

No. of Pages : 13 No. of Claims : 12

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

(21) Application No.2014/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MICROORGANISMS AND METHODS FOR PRODUCING ALKENES

(51) International classification :C12N15/74
(31) Priority Document No :61/535893
(32) Priority Date :16/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055469
Filing Date :14/09/2012
(87) International Publication No :WO 2013/040383
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BURK Mark J.
2)OSTERHOUT Robin E.

(57) Abstract :
Non naturally occurring microbial organisms are disclosed containing an alkene pathway having at least one exogenous nucleic acid encoding an alkene pathway enzyme expressed in a sufficient amount to convert an alcohol to an alkene. The disclosure additionally provides methods of using such microbial organisms to produce an alkene by culturing a non naturally occurring microbial organism containing an alkene pathway as described herein under conditions and for a sufficient period of time to produce an alkene.

No. of Pages : 89 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2013

(21) Application No.4322/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTERNAL COMBUSTION ENGINE CONTROL APPARATUS AND INTERNAL COMBUSTION ENGINE CONTROL METHOD

(51) International classification :B60K6/46,B60K6/442,B60W10/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/059433
Filing Date :30/03/2012
(87) International Publication No :WO/2013/145333
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FISCHER, Michael;

(57) Abstract :
The invention relates to control of an internal combustio engine (109), especially when used in a series hybrid vehicle, with a motor (107) delivering drive torque to the wheels. In a constant point operation of the engine (109), engine speed is not linked to accelerator pedal position or vehicle speed. When the driver in this constant point operation steps on the accelerator pedal or the brake pedal, a target engine speed is modified by an offset value. This ensure that the driver gets the same feeling as in a conventional vehicle, i.e. a change in engine speed in response to accelerator or brake pedal actuation. A feeling of incongruity is avoided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2013

(21) Application No.4508/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SULFONIC ACID CONTAINING BINDER FOR MOLDING MATERIAL MIXES FOR THE PRODUCTION OF MOLDS AND CORES

(51) International classification :C08G18/08,C08G18/54,C08K5/42
(31) Priority Document No :10 2010 044 163.5
(32) Priority Date :19/11/2010
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2011/070600
Filing Date :21/11/2011
(87) International Publication No :WO 2012/066145
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)LAD‰GOURDIE Grard P. M.
2)D–RSCHEL Markus
3)ANBARI Amine Serghini
4)WICHMANN Ursula

(57) Abstract :
The invention relates to a polyisocyanate component for a molding material binder system containing at least one sulfonic acid in a solution of at least one polyisocyanate that contains at least two NCO groups in the molecule.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.548/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD OF AUTHENTICATING A USER OF A PERIPHERAL APPARATUS, A PERIPHERAL APPARATUS, AND A SYSTEM FOR AUTHENTICATING A USER OF A PERIPHERAL APPARATUS

(51) International classification :G06F
(31) Priority Document No :EP13154974.3
(32) Priority Date :12/02/2013
(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 :**
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1)PARKS, Benjamin John

(57) Abstract :
A method of authenticating a user at a peripheral apparatus (10) comprising the following steps performed by the peripheral apparatus (10): receiving (S810) a log-in request from a user; sending (S820) a request to a social networking service to authenticate the user™s social networking service account; receiving (S830) the user™s social networking service account information from the social networking service; determining (S840) based on the user™s social networking service account information whether the user is authorised to access the peripheral apparatus (10); and allowing (S850, S860), in a case that the determining determines based on the user™s social networking service account information that the user is authorised to access the peripheral apparatus (10), the user access to the peripheral apparatus (10).

No. of Pages : 120 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013

(21) Application No.10231/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDIUM CARRIER DEVICE

(51) International classification :B65H5/06
(31) Priority Document No :2011206113
(32) Priority Date :21/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065219
Filing Date :14/06/2012
(87) International Publication No :WO 2013/042408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(57) Abstract :
This medium carrier device is provided with a carrier roller (34) a pinch roller (36) and a pinch roller spring (56). The pinch roller (36) is configured from a pinch roller axis (38) and a bearing (40) wherein by causing a flat surface (42) formed upon the pinch roller axis (38) to abut a spring flat surface (57) upon the pinch roller spring (56) the pinch roller axis (38) is prevented from rotating in association with the bearing (40).

No. of Pages : 69 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/03/2013

(21) Application No.1990/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR NON INVASIVE ANALYSIS OF A SUBSTANCE CONCENTRATION WITHIN A BODY

(51) International classification	:A61B5/1455,A61B5/01,G01N33/48
(31) Priority Document No	:12/883063
(32) Priority Date	:15/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/051218 :12/09/2011
(87) International Publication No	:WO 2012/037029
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GERLITZ Yonatan
2)OSTRITSKY Alexander

(57) Abstract :
A method to measure a concentration of a substance such as glucose in a body comprising changing the temperature of the surface of a body from a first temperature to a second temperature then changing the temperature of the surface of the body from the second temperature back to the first temperature and measuring a first amount of infrared (IR) radiation absorbed or emitted from the surface of the body in a first wavelength band and a second amount of IR radiation absorbed or emitted from the surface of the body in a second wavelength band during the periods of changing temperatures. The method also measures a temperature at the surface of the body and an ambient temperature. A normalized ratio parameter is calculated and the concentration of the substance in the body is determined by correlating the normalized ration parameter with the body surface temperature and the ambient temperature.

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/03/2014

(21) Application No.2229/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHOTOREACTIVE COMPOUNDS

(51) International classification :C09K19/56
(31) Priority Document No :11178750.3
(32) Priority Date :25/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/065380
Filing Date :07/08/2012
(87) International Publication No :WO 2013/026691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BURY S. PIRES Izabela
3)CHAPPELLET Sabrina
4)SCANDIUCCI DE FREITAS Patricia
5)IBN ELHAJ Mohammed
6)TANG Qian
7)PALIKA Satish
8)HOSHINO Masato
9)ECKERT Jean Fran§ois

(57) Abstract :
The present invention relates to photoreactive compounds that are particularly useful in materials for the alignment of liquid crystals.

No. of Pages : 121 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2014

(21) Application No.3147/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BIOLOGICAL MATERIALS RELATED TO C MET

(51) International classification :A61K39/395,A61P35/00,C07K16/18
(31) Priority Document No :61/541368
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/069373
Filing Date :01/10/2012
(87) International Publication No :WO 2013/045707
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BESTE Gerald
2)HERMANS Guy
3)STEFFENSEN Soren
4)SZYROKI Alexander
5)VERVERKEN Cedric Jozef Not¨re
6)DENAYER Tinneke

(57) Abstract :
The present invention relates to biological materials related to c Met possibly in combination with VEGF and/or EGFR and more in particular to polypeptides nucleic acids encoding such polypeptides; to methods for preparing such polypeptides; to host cells expressing or capable of expressing such polypeptides; to compositions and in particular to pharmaceutical compositions that comprise such polypeptides for prophylactic therapeutic or diagnostic purposes. Methods and kits for assessing the responsiveness of a patient to c Met therapy are also described and provided.

No. of Pages : 278 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/07/2013

(21) Application No.5514/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ENCODING/DECODING IMAGES USING A MOTION VECTOR

(51) International classification :H04N7/32
(31) Priority Document No :1020110009636
(32) Priority Date :31/01/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/000770
Filing Date :31/01/2012
(87) International Publication No :WO 2012/105807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)CHO Suk Hee
5)JUN Dong San
6)KIM Jong Ho
7)LEE Ha Hyun
8)LEE Jin Ho
9)CHOI Jin Soo
10)KIM Jin Woong

(57) Abstract :
The present invention relates to a method and apparatus for encoding/decoding image using a motion vector. According to one embodiment of the present invention an image decoding method is provided. The image decoding method comprises the following steps: clipping a motion vector of a reference picture with a predetermined dynamic range so as to generate a clipped motion vector; storing the clipped motion vector in a buffer; deriving a motion vector of a block to be decoded using the motion vector stored in the buffer; and performing inter prediction decoding using the motion vector of the block to be decoded. According to the present invention the size of a memory space required to store a motion vector may be reduced.

No. of Pages : 65 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2013

(21) Application No.2520/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR REALTIME WEB APPLICATION SECURITY AUDIT USING CLOUD COMPUTING

(51) International classification :F02M25/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)G. WINSTON JACOB PREM KUMAR
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1)MOHAN GANDHI PONNAGANTI
2)C H MAMATHA
3)G. WINSTON JACOB PREM KUMAR
4)SREEDEEP COPPYSETTY
5)CHAITHANYA PADI

(57) Abstract :
With the exponential growth of the web and the proliferation of websites, the accompanying risks from hackers and unsocial elements who can hack into a website and insert malicious codes or put objectionable content has been a big security risk. Also with millions of transactions taking place on the web, a website cannot afford any kind of downtime as also loss of global reputation. A website audit or vulnerability assessment which can be carried out on a real time basis with a single click without installation of any special software or hardware addresses the above mentioned issue. The said invention comprises a method for auditing of a website on a real time basis providing a detailed report on vulnerability of the website including penetration by a 3 rd party using a cloud computing device. The same is achieved at the click of a button without installing any special hardware or software.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3204/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR TELECOM NETWORK PROVIDING SESSION SERVICE TO INTERNET

(51) International classification	:H04L29/06,H04L29/08,H04M7/00
(31) Priority Document No	:201110291064.8
(32) Priority Date	:29/09/2011
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2012/077160 :19/06/2012
(87) International Publication No	:WO 2013/044649
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
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(57) Abstract :
Disclosed in the invention is a method for telecom network providing session service to internet by updating an access side equipment of said telecom network enables said access side equipment supporting the internet application protocol said internet accesses said telecom network through said access gateway or the updating access side equipment; said method also comprises: an internet user establishes a session between a telecom user or another internet user through said telecom network. Disclosed in the invention is a system for telecom network providing session service to internet simultaneously. The invention enables the access side equipment supporting the internet application protocol by updating the access side equipment of the telecom network and fuses the internet and the telecom network thereby providing session service to the user of internet. The invention facilitates the internet user use of session service.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3206/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS AND APPARATUS FOR UNSUPERVISED NEURAL REPLAY LEARNING REFINEMENT ASSOCIATION AND MEMORY TRANSFER: STRUCTURAL PLASTICITY AND STRUCTURAL CONSTRAINT MODELING

(51) International classification :G06N3/04,G06N3/08
(31) Priority Document No :13/292191
(32) Priority Date :09/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/064506
Filing Date :09/11/2012
(87) International Publication No :WO 2013/071149
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HUNZINGER Jason Frank
2)CHAN Victor Hokkiu

(57) Abstract :
Certain aspects of the present disclosure support techniques for unsupervised neural replay learning refinement association and memory transfer.

No. of Pages : 159 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.582/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SELF STICK FOAM ADHESIVE

(51) International classification :C08F
(31) Priority Document No :11176047.6
(32) Priority Date :29/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/US2012/048066
Filing Date :25/07/2012
(87) International Publication No :WO 2013/019492
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TRASER Steffen
2)FORSTER Jan D.

(57) Abstract :
The present invention relates to a method of making a self stick foam adhesive comprising a. a crosslinked (meth)acrylate polymer comprising repeating units derivable from a monomer composition comprising iv. 55 to 97.4 wt. % of one or more alkyl (meth)acrylate monomers the alkyl groups of which comprise from 4 to 14 carbon atoms v. 2.5 to 40 wt. % of one or more ethylenically unsaturated monomers comprising a nitrogen or oxygen containing heterocyclic ring vi. 0.1 to 5 wt. % of one or more polar comonomers b. 1 to 60 parts by weight of one or more hydrogenated resin tackifier per 100 parts by weight of the cross linked (meth)acrylate polymer and c. 1 to 20 parts by weight microspheres per 100 parts by weight of the cross linked (meth)acrylate polymer the method comprising polymerizing monomer components of the monomer composition and wherein at least part of the polymerization is carried in the presence of crosslinking agent the total amount of crosslinking agent used in the polymerization being between 0.01 and 2 parts by weight per 100 parts by weight of the monomer composition 1 to 60 parts of one or more hydrogenated resin tackifier per 100 parts by weight of the monomer composition and 1 to 20 parts microspheres per 100 parts of the monomer composition and wherein the polymerization is initiated by radiation substantially in the absence of solvent. The present invention also relates to a self stick foam adhesive obtainable by such method.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/03/2014

(21) Application No.2361/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOLID COSMETIC COMPOSITION IN COMPACT POWDER FORM

(51) International classification :A61K8/92,A61Q1/12,A61K8/02
(31) Priority Document No :1158378
(32) Priority Date :21/09/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/064780
Filing Date :27/07/2012
(87) International Publication No:WO 2013/041274
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MAC DERMOTT Padraig
2)LE GARS Gwnola
3)BLIN Xavier

(57) Abstract :
The present invention relates to a solid cosmetic composition in the form of a powder which is preferably compacted comprising at least: a pulverulent phase in an amount of greater than or equal to 35% by weight relative to the total weight of the composition comprising at least one perlite in the form of particles in a content of greater than or equal to 20% by weight relative to the total weight of the composition a liquid fatty phase and in which the perlite particles and the liquid fatty phase are present in the composition in a respective total content such that the weight ratio of the perlite particles to the liquid fatty phase ranges from 2 to 25. The present invention also relates to a process for coating the face and in particular the cheeks the chin the temples the forehead and the nose with the said cosmetic composition.

No. of Pages : 39 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2013

(21) Application No.2487/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A LOCK DEVICE FOR ERGONOMIC LOCKING OF THE SLAG DUMP CAR

(51) International classification :B61D9/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)Mettupalayam Ramaya gowder Subbaian Sudesh Kumar
2)Fayaz Hassan

(57) Abstract :
The slag dump car needed to be locked with the rail during the dumping operation to maintain its stability. The ergonomically designed locking mechanism facilitates in easy locking and unlocking of the slag dump car during its operation. The present device is helpful in the locking of the dump car to the rails in a safe manner.

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

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

(21) Application No.3023/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING LITHOGRAPHIC PRINTING PLATE

(51) International classification :G03F7/033,G03F7/00,G03F7/004
(31) Priority Document No :2011209917
(32) Priority Date :26/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/073578
Filing Date :14/09/2012
(87) International Publication No :WO 2013/047229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The purpose of the present invention is to provide a method for producing a lithographic printing plate exhibiting excellent printing durability ink adhesion and stain resistance during printing whereby it is possible to perform one bath treatment. This method for producing a lithographic printing plate is characterized by involving: a step for forming a negative lithographic printing original plate having on a support body a photopolymerizable light sensitive layer containing a urethane acryl hybrid polymer and/or an acryl polymer having a monomer unit derived from a vinyl carbazole compound; a step for exposing the negative lithographic printing original plate for an image; and a step for developing the exposed negative lithographic printing original plate by means of a developing solution which at least contains a compound (component A) represented by formula (I) and/or formula (II) and water (component B) and has a pH between 4 and 10 and an organic solvent content of less than 5 mass%. Moreover the method is characterized by not involving a water washing step and a gumming step before and after the developing step.

No. of Pages : 120 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/01/2014

(21) Application No.60/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR ENHANCING IMAGE QUALITY

(51) International classification :G06T5/00,G06T5/20
(31) Priority Document No :2830/CHE/2011
(32) Priority Date :18/09/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/054713
Filing Date :11/09/2012
(87) International Publication No :WO 2013/038333
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KUPPUSWAMY Chandrasekhar
3)BHATT Mahabaleswara Ram
4)PADMANABHAN Sriram

(57) Abstract :
The present disclosure relates to image filtering techniques for enhancing image quality. In one embodiment two filtering techniques are applied on an image. Firstly an adaptive weighted median filtering operation is performed on an acquired low contrast image corrupted by impulsive noise. Subsequently a guided image filtering on the image obtained from adaptive weighted median filtering operation to de blur and enhance the contrast that ultimately assures to preserve the edges of the images. In addition the image filtering for enhancing image quality is enhanced by several variations of data adaptive guided image filtering and adaptive window sizes for guided image filtering techniques.

No. of Pages : 27 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2041/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : USING PARKED MODE TO EXTEND CLIENT SETS IN FEMTO PROXY ARCHITECTURES

(51) International classification :H04W36/04,H04W48/16,H04W48/20
(31) Priority Document No :12/883560
(32) Priority Date :16/09/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/051814
Filing Date :15/09/2011
(87) International Publication No :WO 2012/037388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SOLIMAN Samir S.

(57) Abstract :
Systems methods devices and computer program products are described for handling of access terminals on an out of band piconet within a femto proxy architecture. A femto proxy system includes a femtocell (a femto access point or FAP) and one or more out of band (OOB) proxies. One of the OOB proxies is configured to act as a master of an OOB piconet through which various services are provided including services to support the femtocell operation of the femto proxy system. For example the OOB piconet is used to facilitate lower power access to the macro communications services provided through the femtocell. In some cases a combination of connected and inactive OOB operational modes are used to support an expanded number of slave access terminals on the piconet where some of those slaves are operating in an active WWAN mode and others are operating in an idle WWAN mode. For example parked mode may be used for idle WWAN mode access terminals.

No. of Pages : 58 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2013

(21) Application No.2446/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD, SYSTEM AND APPARATUS FOR QUALITATIVE RESEARCH

(51) International classification :B41B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Ashwin Ramaswamy

(57) Abstract :
According to an aspect of the present invention, a survey system is provided for displaying video interview (VI type) questions and recording live video of an individual respondent or a group of respondents. The survey system displays live recording in a first portion of the display area, set of tags on the second portion of the display area and discussion guidelines on the third portion of the display area. According to another aspect, the survey system provides an option to tag the video while recording the live video of the respondent. In one embodiment, the tags may be added in the later stages for example, immediately after recording, while reviewing, analysing the video etc. The tags in the video provide quick reference to the user point of interest. According to another aspect, preparing a summary video is generated by selecting video portions around the first tag of the tagged video response.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2013

(21) Application No.2510/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SHORT MESSAGE SERVICE BASED SYSTEM AND METHOD FOR ENABLING A TWO WAY COMMUNICATION

(51) International classification :H04B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VIPIN GOYAL

(57) Abstract :
A method of enabling a two way communication by a short message service system including assigning unique authentication to a handheld device of an authorized user, controlling the two way communication by a short message service gateway, securely storing the authorized user data in a database, initiating a communication session by transmitting an unique authentication of the handheld device of the authorized user to the short message service gateway, communicatively coupling the remotely located central server to the short message service gateway through a configurable protocol and enabling a secured two way communication between the handheld device of the authorized user and the at least one remotely located central server through the short message service gateway after receiving an unique authentication.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2012

(21) Application No.6002/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR CONTROL OF A GEARBOX

(51) International classification :F16H59/02,F16H61/02,B60W30/18
(31) Priority Document No :1050099-9
(32) Priority Date :01/02/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050097
Filing Date :31/01/2011
(87) International Publication No :WO 2011/093789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)FREDRIK SWARTLING
3)PETER ASPLUND

(57) Abstract :
The present invention relates to a method for control of a vehicle gearbox which is automatically controlled by a control system. The control system s choice of transmission ratio is influenceable by the vehicles driver, and said control system is adapted to choosing an initial transmission ratio for moving off from stationary. The method comprises determining a first initial transmission ratio by means of said control system, and determining a second initial transmission ratio indicated by said vehicle driver. The gearbox is set to said second initial transmission ratio indicated by said vehicle driver when it is higher than said first initial transmission ratio determined by said control system.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2013

(21) Application No.1904/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM, CONTROL DEVICE, BASE STATION DEVICE, SYSTEM CONTROL METHOD AND DEVICE CONTROL METHOD

(51) International classification	:H04W28/12,H04L12/56,H04W28/14
(31) Priority Document No	:2008-200277
(32) Priority Date	:01/08/2008
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2009/058991 :14/05/2009
(87) International Publication No	:WO/2010/013526
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filed on	:1349/CHENP/2011 :14/05/2009

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)UEDA, YOSHIO

(57) Abstract :
A mobile communication system includes a control device and a base station device. Data communication between the control device and the base station device is conducted using a fixed4ength data size and a variable-length data size. The control device transmits information indicating whether a data size of the data communication has a fixed length or a variable length. The base station device receives the information from the control device.

No. of Pages : 50 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/03/2013

(21) Application No.2025/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF MASKING WALLS OF A SPRAY BOOTH AND KIT OF PARTS FOR USE THEREIN

(51) International classification :B05B15/12,B05D1/32
(31) Priority Document No :1015568.7
(32) Priority Date :17/09/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2011/049481
Filing Date :29/08/2011
(87) International Publication No :WO 2012/036876
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BROTHERTON Gary N.
3)CHAN Kin Chau
4)SCHWAB Jeffrey J.
5)APPLEBY Craig G.
6)BAKER Anna B.

(57) Abstract :
The present application discloses a method of masking an interior surface of a spray booth the method comprising: providing a masking liquid comprising one or more polymers dispersed or dissolved in water a base in amount sufficient to such that the pH of the masking liquid is more than 7 and a pH indicator that is colored at the pH of the masking liquid; applying the masking liquid to at least part of an interior surface of the spray booth; allowing the applied masking liquid to dry whereby upon drying the pH indicator becomes colorless or substantially colorless and a clear transparent or translucent white masking coating is obtained.

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

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

(21) Application No.2085/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDICAL IMAGE SYSTEM AND METHOD

(51) International classification :G06F19/00
(31) Priority Document No :61/539023
(32) Priority Date :26/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/054913
Filing Date :17/09/2012
(87) International Publication No :WO 2013/046090
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)W„CHTER STEHLE Irina
3)SAALBACH Axel

(57) Abstract :
System (100) for enabling an interactive inspection of a region of interest (122) in a medical image (102) the system comprising display means (160) for displaying user interface elements (310 320 330) of actions associated with the interactive inspection of the region of interest and a processor (180) for executing one of the actions when a user selects an associated one of the user interface elements the system further comprising establishing means (120) for establishing the region of interest in the medical image determining means (140) for determining an anatomical property (142) of the region of interest in dependence on an image property of the region of interest and the display means (160) being arranged for (i) in dependence on the anatomical property establishing a display configuration (162) of the user interface elements and (ii) displaying the user interface elements in accordance with the display configuration.

No. of Pages : 25 No. of Claims : 15

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

(21) Application No.6119/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENCODER AND MOTOR INCLUDING ENCODER

(51) International classification :B62D
(31) Priority Document No :2012-288938
(32) Priority Date :28/12/2012
(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

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(72)**Name of Inventor :**
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2)YOSHIFUMI YAMAGUCHI
3)AKIKO SANO

(57) Abstract :
Provided is an encoder and a motor including the encoder having increased reliability. An encoder (10) includes a disc (30) fixed to a hub (20), a light source (41) that emits light toward the disc (30), and a light-receiving array (PA) that receives light reflected by the disc (30). The disc (30) includes a rough portion (RS) having a surface roughness higher than that of at least another portion on a surface of the disc (30 (. The rough portion (RS) is formed on a portion that is fixed to the hub (20). The disc (30) is made of a metal.

No. of Pages : 39 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.624/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUSPENSION AND/OR THROTTLING OF PROCESSES FOR CONNECTED STANDBY

(51) International classification :G06F1/32,G06F9/44
(31) Priority Document No :13/207167
(32) Priority Date :10/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/055472
Filing Date :07/10/2011
(87) International Publication No :WO 2013/022464
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BERRY Jon
3)TOSHEV Kalin

(57) Abstract :
One or more techniques and/or systems are provided for assigning power management classifications to a process transitioning a computing environment into a connected standby state based upon power management classifications assigned to processes and transitioning the computing environment from the connected standby state to an execution state. That is power management classifications such as exempt throttle and/or suspend may be assigned to processes based upon various factors such as whether a process provides desired functionality and/or whether the process provides functionality relied upon for basic operation of the computing environment. In this way the computing environment may be transitioned into a low power connected standby state that may continue executing desired functionality while reducing power consumption by suspending and/or throttling other functionality. Because some functionality may still execute the computing environment may transition into the execution state in a responsive manner to quickly provide a user with up to date information.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2014

(21) Application No.545/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD OF MONITORING THE VIDEO SURVEILLANCE ACTIVITIES

(51) International classification :G08B
(31) Priority Document No :13/772,128
(32) Priority Date :20/02/2013
(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

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(72)**Name of Inventor :**
1)DEEPAK SUNDAR MEGANATHAN

(57) Abstract :
A method and apparatus. The method includes the steps of an activity analysis processor monitoring the activities of a security system protecting a secured area and a human operator of the security system and evaluating the system™s and operator™s activities, the activity analysis processor detecting an event and saving a summary of the event to a cloud server, a user interface of the cloud server detecting a request from a user for a report of activities and the cloud server downloading the activity report to the user, the activity report displayed to the user including playback features controlling playback of the summary, the playback features further including provision to accept requests for additional data from the user and the playback features downloading and displaying the additional data in response to the requests.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/07/2013

(21) Application No.5558/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HEAT-INSULATING AND SOUND ABSORBING MATERIAL AND A MOLDED ARTICLE OF SAID HEAT-INSULATING AND SOUND ABSORBING MATERIAL

(51) International classification	:B32B7/12,G10K11/162,B32B5/24
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/JP2013/057140 :14/03/2013
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)OGAWA MASANORI
2)FUJII MAKOTO

(57) Abstract :
The objective of the present invention is to provide a heat-insulating sound-absorbing material which exhibits excellent heat insulation and sound absorption without being increased in the thickness, and thus having a light weight. This heat-insulating sound-absorbing material (1) is composed of a laminate of one or more fiber sheets (3) having a ventilation resistance of 0.1-5.0 kPa·s/m and one or more air-permeable porous bases (2). By providing an adhesive layer (4) wherein the amount of a powdery adhesive sprayed or coated is 1-50 g/m2, said powdery adhesive having a mass average particle diameter of 80-500 μm, one fiber sheet (3) and one air-permeable porous base (2) are bonded to each other by means of the adhesive layer (4). Consequently, the ventilation resistance of this heat-insulating sound-absorbing material (1) as a whole is set within the range of 0.3-6.0 kPa·s/m.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.616/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OPERATING METHOD FOR AN INVERTER AND NETWORK FAULT TOLERANT INVERTER

(51) International classification :H02M7/487,H02J3/38
(31) Priority Document No :10 2011 051 548.8
(32) Priority Date :04/07/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/062562
Filing Date :28/06/2012
(87) International Publication No :WO 2013/004585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)MLLER Tobias
3)WOLF Henrik

(57) Abstract :
The invention relates to a method for operating an inverter (1) comprising at least one bridge assembly (10) that can be actuated in a modulated manner for supplying electrical power to an energy supply network (3) and comprising the following steps: First the inverter (1) is operated by the unipolar actuation of the at least one bridge assembly (10) and the energy supply network (3) is monitored for the presence of a network fault. If a network fault is detected the inverter (1) is operated at least at intervals by the bipolar actuation of the at least one bridge assembly (10). The invention further relates to a network fault tolerant inverter which is equipped for carrying out the method.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2012

(21) Application No.6287/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REDUCING PHASE ERRORS ON A COMMUNICATION DEVICE

(51) International classification :H04L25/02,H04L27/26,H04L5/00
(31) Priority Document No :61/299,642
(32) Priority Date :29/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023005
Filing Date :28/01/2011
(87) International Publication No :WO 2011/094599
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DIDIER JOHANNES RICHARD VAN NEE

(57) Abstract :
A communication device that is configured for reducing phase errors is described. The communication device includes a processor and instructions stored in memory. The communication device calculates a sum channel in the frequency domain, estimates one or more impulse responses and isolates an impulse response for one or more wireless communication devices. The communication device also calculates a phase error for each wireless communication device and reduces the phase error for each wireless communication device.

No. of Pages : 43 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3179/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR INTER WIDGET COMMUNICATION

(51) International classification :G06F9/44
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/080485
Filing Date :30/09/2011
(87) International Publication No :WO 2013/044515
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ZHANG Jinfeng
2)CHEN Canfeng
3)XI Minjun
4)DENG Yang
5)WU Feifei

(57) Abstract :
Various methods are provided for facilitating inter widget communications. One example method may include receiving a message from a first widget of a plurality of widgets for storage in a data file. The method may also include concurrently enabling another message in the data file to be accessed by at least a second widget of the plurality of widgets. The method may further include causing an information file to record a status of the data file to enable concurrent receiving and accessing of messages in the data file.

No. of Pages : 33 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3180/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOOP FILTERING CONTROL OVER TILE BOUNDARIES

(51) International classification :H04N7/26
(31) Priority Document No :61/553074
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062203
Filing Date :26/10/2012
(87) International Publication No :WO 2013/063455
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WANG Ye Kui
2)CHONG In Suk
3)COBAN Muhammed Zeyd
4)KARCZEWICZ Marta

(57) Abstract :
A video coder can be configured to code a syntax element that indicates if a loop filtering operation such as deblocking filtering adaptive loop filtering or sample adaptive offset filtering is allowed across a tile boundary. A first value for the syntax element may indicate loop filtering is allowed across the tile boundary and a second value for the syntax element may indicate loop filtering is not allowed across the tile boundary. If loop filtering is allowed across a tile boundary additional syntax elements may indicate specifically for which boundaries loop filtering is allowed or disallowed.

No. of Pages : 62 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6369/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR EMPHASIZING OBJECT COLOR

(51) International classification :G09F19/20,H05B33/08,H05B37/02
(31) Priority Document No :10151869.4
(32) Priority Date :28/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050322
Filing Date :25/01/2011
(87) International Publication No :WO/2011/092625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VAN DER BURGT Petrus Johannes Mathijs
3)POORT Simone Helena Maria
4)SCHUTTE Christopher Paul

(57) Abstract :
A method for controlling a color adjustable light source (101) configured to illuminate an object (110) is disclosed. The method comprises the steps of setting (301) a color temperature of a reference white point (cpref) at the black body curve (202) acquiring (302) information as to a color of the object (cpobj) receiving (303) a desired saturation level and controlling (304) the light source (101) to illuminate the object (110) with light corresponding to the color temperature of the reference white point and comprising a saturated component corresponding to the color of the object. A corresponding system (100) for performing the method is also disclosed.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6370/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SUSCEPTIBILITY GRADIENT MAPPING

(51) International classification :G01R33/565
(31) Priority Document No :61/297299
(32) Priority Date :22/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050230
Filing Date :19/01/2011
(87) International Publication No :WO/2011/089551
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SENEGAS Julien
2)PERKINS Thomas

(57) Abstract :
The invention relates to a method of determining a susceptibility gradient map the method comprising acquiring (300) a magnetic resonance k- space dataset said dataset comprising magnetic resonance echo data wherein a recursive iteration is used to determine the susceptibility gradient map. Further the invention relates to a method of determining a susceptibility gradient map the method comprising acquiring a magnetic resonance k-space dataset said dataset comprising magnetic resonance echo data wherein the acquired dataset comprises magnetic resonance echo data of multiple echoes with different echo times wherein a susceptibility gradient map is determined separately for each echo time resulting in a temporary susceptibility gradient map wherein the method further comprises calculating a total susceptibility gradient map by combining all determined temporary susceptibility gradient maps.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6371/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MODULE RETAINER

(51) International classification :A45F5/02,A45C13/10
(31) Priority Document No :10151914.8
(32) Priority Date :28/01/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050300
Filing Date :24/01/2011
(87) International Publication No :WO/2011/092621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MAIER Matthias
2)HETZEL Markus

(57) Abstract :
The module retainer (1) for accommodating a functional module comprises a clamp (20) for attaching the module retainer (1) to a supporting belt (2). The clamp (20) has a first side (21) that is pivotally attached to a main structure (10) of the module retainer (1). The module retainer (1) further comprises at least one snap-fit (12) for operably attaching a second side (22) of the clamp (20) to the main structure (10) and for fixing the clamp (20) in a closed position in which the supporting belt (2) is embraced. The snap-fit (12) is designed and positioned such that it gets obstructed by a functional module (3) inserted in the main structure (10) of the module retainer (1) and secures the clamp (20) in the closed position.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2013

(21) Application No.5670/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH THERMAL CONDUCTIVITY COMPOSITE FOR ELECTRIC INSULATION, AND ARTICLES THEREOF

(51) International classification :c08g
(31) Priority Document No :13/723465
(32) Priority Date :21/12/2012
(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

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1)ZHANG, WEI HERBERT

(57) Abstract :
A thermally-conductive and electrically-insulating composite composition is provided. The composite composition includes an epoxy resin and a filler. The epoxy resin has at least two epoxide groups per molecule, and a reactive diluent. The composite composition includes about 5 volume percent to about 20 volume percent of the filler, based on the total volume of the composite composition. An electrical component having a coating of the composite composition is also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/07/2013

(21) Application No.5888/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR SCALABLE N CORE STATISTICS AGGREGATION

(51) International classification :H04L12/26,H04L29/06
(31) Priority Document No :61/428124
(32) Priority Date :29/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067380
Filing Date :27/12/2011
(87) International Publication No :WO 2012/092268 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)PRAKASH Devesh
4)RAJA Murali
5)SUGANTHI Josephine
6)SHETTY Anil

(57) Abstract :
The present invention is directed towards systems and methods for aggregating and providing statistics from cores of a multi core system intermediary between one or more clients and servers. The system may maintain in shared memory a global device number for each core of the multi core system. The system may provide a thread for each core of the multi core system to gather data from the corresponding core. A first thread may generate aggregated statistics from a corresponding core by parsing the gathered data from the corresponding core. The first thread may transfer the generated statistics to a statistics log according to a schedule. The system may adaptively reschedule the transfer by monitoring the operation of each computing thread. Responsive to a request from a client an agent of the client may obtain statistics from the statistics log.

No. of Pages : 169 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.617/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PISTON WITH AN UNDERCROWN SUPPORT FEATURE

(51) International classification :F02F3/00
(31) Priority Document No :61/502602
(32) Priority Date :29/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044564
Filing Date :28/06/2012
(87) International Publication No :WO 2013/003546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WILL Kurt
2)BRANDT Mark
3)TEBBE Mike

(57) Abstract :
A piston with a piston body extending along a longitudinal central axis and having a crown portion and a pair of pin bosses is provided. The crown portion includes a combustion wall with a combustion bowl formed therein and a pair of ribs depending from the combustion wall. One of the ribs depends from the combustion wall directly below the combustion bowl and the other rib is radially spaced from the combustion bowl. As such one of the ribs depends lower along the longitudinal central axis than the other of the ribs. The ribs provide support to the crown portion and also act as a heat sink to extract heat from the combustion wall.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6551/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENHANCED RESEQUENCING OF DATA RECEIVED OVER A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L12/56
(31) Priority Document No :12/701,992
(32) Priority Date :08/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023888
Filing Date :07/02/2011
(87) International Publication No :WO/2011/097562
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PAVAN C. KAIVARAM
3)SARMA V.R.K.V. VANGALA

(57) Abstract :
An apparatus and method for efficiently decoding data received in the form of data packets is provided. The design includes at least one decoding unit (606, 608) configured to receive and decode multiple packet groups, each packet group comprising a plurality of data packets received over at least one wireless transmission channel; a buffer arrangement (610, 612) configured to collect complete and incomplete packet groups received over each wireless transmission channel, and a processor (614) configured to direct data packets from the at least one decoding unit (606, 608) to specific locations in the buffer arrangement (610, 612). The processor further inserts later received data packets into associated packet groups maintained in the buffer arrangement (610, 612) to minimize sequence gaps in the data packets. The design subsequently provides multiple packet groups and any later received data packets from the buffer arrangement (610, 612) to a resequencer (616).

No. of Pages : 31 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/04/2012

(21) Application No.1651/CHE/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD FOR MEASURING ULTRA LOW PERMEABILITY OF ENCAPSULATING MATERIALS

(51) International classification :G01N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)GUPTA, SATYAJIT
3)MADRAS, GIRIDHAR

(57) Abstract :
The present invention is in relation to the field of spectroscopy, in particular Cavity Ring Down Spectroscopy (CRDS). CRDS has been explored for its utility as a tool for measuring permeability of materials in conjugation with a test chamber. The measurement of low values of permeability of materials is of great significance in the electronic industry, pharmaceutical industry and food industry. The current method is simple with uncomplicated methodology and economical for adoption into the industries where uniquely measuring the permeability of barrier materials is required.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/03/2014

(21) Application No.2302/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ERGONOMICALLY FORMED HEADGEAR STRAPS

(51) International classification :A61M16/06
(31) Priority Document No :61/543838
(32) Priority Date :06/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055250
Filing Date :01/10/2012
(87) International Publication No :WO 2013/050920
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHODKOWSKI Lauren Patricia
2)HO Peter Chi Fai

(57) Abstract :
A method for geometrically forming a portion of a headgear to conform to a selected portion of an intended user s head. The method includes determining a triangular region on the portion of the headgear that generally coincides with the selected portion of the intended user s head. The triangular region being defined by a first side a second side and a third side. The method further includes forming a curved and cupped region in the portion of the headgear by bringing together and coupling the second and third sides of the triangular region.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2012

(21) Application No.5087/CHE/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A DEVICE FOR SPREADING, RAKING AND HEAPING OF GRAINS OR BEANS

(51) International classification :a23l
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NAVEEN RODRICKS
2)ANUJ ALLAN RODRIGUES PADIVAL
3)GAUTAM EDWARD PEREIRA

(57) Abstract :
The present invention is in relation to an agro-mechanical device used for heaping, spreading and raking food grains or beans during drying of the same under sun.

No. of Pages : 27 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.581/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTILAYER PRESSURE SENSITIVE ADHESIVE FILM

(51) International classification :C09J7/00,B05D1/26,B05D7/00
(31) Priority Document No :11176049.2
(32) Priority Date :29/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/US2012/048072
Filing Date :25/07/2012
(87) International Publication No :WO 2013/019493
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FORSTER Jan D.

(57) Abstract :
The present invention relates to a multilayer pressure sensitive adhesive (PSA) film having adhesive properties at its first and second main surface wherein the film comprises at least two superimposed layers of a polymeric pressure sensitive adhesive foam material and optionally one or more intermediate layers of a polymeric foam material wherein the PSA film is obtainable by a continuous self metered process comprising the steps of (a) providing a substrate (b) providing two or more coating knives which are offset independently from each other from said substrate to form a gap normal to the surface of the substrate (c) moving the substrate relative to the coating knives in a downstream direction (d) providing curable liquid precursors of the polymeric pressure sensitive adhesive foam materials and optionally of the polymeric foam material to the upstream side of the coating knives thereby coating the two or more precursors through the respective gaps as superimposed layers onto the substrate (e) optionally providing one or more protective liners and applying these along the upstream side of the coating knives and (f) curing the precursor of the multilayer film thus obtained wherein a lower layer of the curable liquid precursor is covered by an adjacent upper layer of the curable liquid precursor essentially without exposing said lower layer of a curable liquid precursor.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2012

(21) Application No.6569/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BANDWIDTH AND CHANNEL NOTIFICATION FOR WIDE-CHANNEL WIRELESS COMMUNICATION

(51) International classification :H04W68/02,H04B7/26
(31) Priority Document No :12/660,224
(32) Priority Date :23/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/025717
Filing Date :22/02/2011
(87) International Publication No :WO/2011/106316
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)GONG Michelle G.

(57) Abstract :
In a wireless communications network in which a device may simultaneously use multiple 20MHz channels for communicating with another network device various embodiments of the invention provide a way for a network controller to indicate to a mobile device which combinations of those channels the mobile device is permitted for use in subsequent communications involving the mobile device and may also provide a way to specify which of those permitted channels are actually being used in those subsequent communications.

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013

(21) Application No.6517/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MODULE FOR HOLDING AT LEAST ONE BUSHING

(51) International classification :F03D1/06,B29C70/46,B29K105/24
(31) Priority Document No :A 88/2011
(32) Priority Date :21/01/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2012/000010
Filing Date :20/01/2012
(87) International Publication No :WO 2012/097394
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MOELLER LARSEN Flemming
2)MOSER Johannes
3)BOURSIER Bruno Serge

(57) Abstract :
A module (1) for holding at least one bushing (17) within a recess wherein it comprises two side surfaces (2 3) an upper (4) and a lower (5) surface and at least one end surface (6) wherein the upper (4) and lower (5) surfaces are of different width and arcs respectively in their cross section and the side surfaces (2 3) are of equal height and when coupled to a second module (8) by its side surfaces (3 9) which second module (8) optionally may also hold at least one bushing (17) the sum of the angle (alpha) between the optionally imaginary plane side surface (12) of the one module (1) and the tangent (10) to its upper surface (4) at the intersection (A) with the side surface (3) and the angle (beta) between the optionally imaginary plane side surface (13) of the other module (8) and the tangent (11) to its upper surface (15) at the intersection (B) with the side surface (9) is at least 180 degrees and/or a plurality of modules (1) optionally when holding the bushings (17) form at least a section of a circular ring or a full circular ring.

No. of Pages : 25 No. of Claims : 12

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

(21) Application No.665/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POROUS GLASS BASE MATERIAL MANUFACTURING BURNER AND OPTICAL FIBER POROUS GLASS BASE MATERIAL MANUFACTURING APPARATUS

(51) International classification	:C03B	(71)**Name of Applicant :**
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(32) Priority Date	:14/02/2013	Address of Applicant :6-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 Japan.
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)Makoto YOSHIDA**
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 :
Provided is a porous glass base material manufacturing burner that, according to the manufacturing method, are capable of realizing a porous glass base material having a desired density distribution and of improving the yield without causing cracking during deposition or allowing air bubbles to remain during the sintering vitrification of the porous glass base material. The porous glass base material manufacturing burner comprises a combustible gas emission nozzle having one or more rows of small-diameter combustion assisting gas emission nozzles that are arranged in a concentric circle around a central glass raw material gas emission nozzle and that are formed such that small-diameter combustion assisting gas emission nozzles in the same row have identical focal distances, the porous glass base material manufacturing burner blowing and depositing glass fine particles refined in a flame from below onto a starting member arranged along a horizontal direction. When a cross section of the porous glass base material manufacturing burner, which is formed by cleaving the porous glass base material manufacturing burner in a direction perpendicular to a central axis of the porous glass base material manufacturing burner, is divided into four equal regions by two orthogonal straight lines intersecting each other at a center of the cross section, total flow path surface area of the small-diameter combustion assisting gas emission nozzles included in two of the four regions through which passes a straight line running along the starting member and through the center of the cross section is less than the total flow path surface area of the small-diameter combustion assisting gas emission nozzles included in the other two of the four regions.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.665/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ABLATION PLANNING SYSTEM

(51) International classification :A61B18/18
(31) Priority Document No :61/512510
(32) Priority Date :28/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/053860
Filing Date :27/07/2012
(87) International Publication No :WO 2013/014648
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LIU Xin
2)DALAL Sandeep
3)KRUECKER Jochen

(57) Abstract :
An ablation planning system includes a user interface (104) configured to permit selection of inputs for planning an ablation procedure. The user interface is further configured to incorporate selection of ablation probes and one or more combinations of ablation powers durations or parameters applicable to selected probes in the inputs to size the ablation volumes. The user interface includes a display for rendering internal images of a patient the display permitting visualizations of the ablation volumes for different entry points on the internal images. An optimization engine (106) is coupled to the user interface to receive the inputs and is configured to output an optimized therapy plan which includes spatial ablation locations and temporal information for ablation so that collateral damage is reduced coverage area is maximized and critical structures are avoided in a planned target volume.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/12/2012

(21) Application No.10379/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FLYWHEEL ENERGY SYSTEM

(51) International classification :F16F 15/315, F16C 32/04, F16C 39/06
(31) Priority Document No :61/352,810
(32) Priority Date :08/06/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2011/000641
Filing Date :03/06/2011
(87) International Publication No :WO/2011/153612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VELTRI Jeffrey Allan

(57) Abstract :
An energy storage system comprises a housing and a flywheel having a drive shaft portion attached to a cylindrical ferromagnetic rotor portion. The drive shaft portion defines a substantially vertical axis about which the rotor portion is mounted for rotation. A magnetic bearing assembly comprised of an annular permanent magnet having no electromagnetic components is mounted on the housing in stationary centered relation about the vertical axis above the rotor portion so as to attract the rotor portion axially upwardly towards a lower face of permanent magnet, thereby supporting a significantly high portion of the weight of the flywheel. At least one low friction mechanical bearing assembly is mounted within the housing about the drive shaft portion to provide radial positioning of the rotor portion and to limit at least upward axial movement of the rotor portion in relation to the lower face. The annular permanent magnet overlies a portion of the end face of the rotor with the balance providing a return path for magnetic flux.

No. of Pages : 48 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3207/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PADDING OF SEGMENTS IN CODED SLICE NAL UNITS

(51) International classification :H04N7/26
(31) Priority Document No :61/555932
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/063027
Filing Date :01/11/2012
(87) International Publication No :WO 2013/067158
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WANG Ye Kui
2)COBAN Muhammed Zeyd
3)KARCZEWICZ Marta

(57) Abstract :
A video encoder divides a picture into a plurality of picture partitions such as tiles or wavefront parallel processing (WPP) waves. The picture partitions are associated with non overlapping subsets of the treeblocks of the picture. The video encoder generates a coded slice network abstraction layer (NAL) unit that includes encoded representations of the treeblocks associated with a slice of the picture. The coded treeblocks are grouped within the coded slice NAL unit into segments associated with different ones of the picture partitions. The video encoder pads one or more of the segments such that each of the segments begins on a byte boundary.

No. of Pages : 55 No. of Claims : 33

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

(21) Application No.640/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ACCESS CONTROL SYSTEM USING SMART PHONE

(51) International classification :H04J
(31) Priority Document No :13/777,388
(32) Priority Date :26/02/2013
(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 :**
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4)CHENGJUN TANG
5)PETR POMENKA
6)ANAND AGARWAL
7)PETR STARZYK
8)ROBERT JOHN PROBIN
9)STEVEN D. HUSETH
10)SAJITH KUMAR ARIMBRA

(57) Abstract :
A door access control system associates a unique passive identifier with each one of a plurality of doors for which controlled access is desired. Each of the identifiers can be attached to a location adjacent to each respective door. A smartphone with a predetermined scanning app can scan, or read a respective identifier of a door for which access is desired. A representation of the door identifier along with an identifier of the smart phone can be transmitter to an access control unit. A data base of the access control unit can be interrogated to determine if that smartphone identifier is authorized to open the designated door. If authorized, an access command can be transmitted to a local access control module which can release a locking mechanism for the respective door.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.667/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING OCCLUSION/REOPENING OF AN ARTERY AND SYSTEM FOR MEASURING SYSTOLIC BLOOD PRESSURE

(51) International classification :A61B8/06,A61B8/04,A61B5/022
(31) Priority Document No :PCT/CN2011/077752
(32) Priority Date :28/07/2011
(33) Name of priority country :China
(86) International Application No :PCT/IB2012/053640
Filing Date :17/07/2012
(87) International Publication No :WO 2013/014575
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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3)ZHONG Jianyi
4)ANAND Ajay
5)PETRUZZELLO John

(57) Abstract :
This invention provides a method and a device for detecting occlusion and/or reopening of an artery of a body caused by a changing pressure applied on the artery as well as a system for measuring the systolic blood pressure of an artery of a body. The method comprises the steps of: obtaining a blood flow signal indicative of a change of the blood flow in the artery caused by the changing pressure using a Doppler Ultrasound transducer attached to the exterior of the body; deriving from the blood flow signal at least one variable of a first variable indicative of the magnitude of the blood flow and a second variable indicative of the periodicity of the blood flow; and detecting the occlusion and/or reopening of the artery on the basis of the at least one variable. In this way the occlusion/reopening of the artery can be detected automatically. Since the need to manually detect the occlusion and reopening of the artery by listening with a stethoscope or a Doppler probe is eliminated the detecting result is more predictable and repeatable and therefore also more accurate.

No. of Pages : 19 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/01/2014

(21) Application No.394/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING A COMBINATION OF SELECT CARRIERS VITAMINS TANNINS AND FLAVONOIDS AS ANTIGEN SPECIFIC IMMUNO MODULATORS

(51) International classification :A61K39/395
(31) Priority Document No :61/500993
(32) Priority Date :24/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/043890
Filing Date :22/06/2012
(87) International Publication No :WO 2012/178118
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VAJDY Michael
2)PADRAH Shore

(57) Abstract :
The present invention provides adjuvant compositions that are capable of modulating the immune response in a subject including enhancing or suppressing the immune response. These adjuvant compositions may also be used to enhance or suppress the immunogenicity of antigens by enhancing or suppressing antigen presentation activity enhancing or suppressing innate immune responses through activation or suppression of e.g. natural killer cells and/or direct activation of subsets of Band/or T cells. Also provided are methods of making the adjuvant compositions as well as methods of using the adjuvant compositions. In certain embodiments the compositions comprise combinations of the following: a pharmaceutically acceptable carrier a flavonoid a tannin and a vitamin.

No. of Pages : 93 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2013

(21) Application No.4632/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SURFACE MODIFIED ZIRCONIA NANOPARTICLES

(51) International classification :C01G25/02,C07C323/25,C07C323/29
(31) Priority Document No :61/426169
(32) Priority Date :22/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/064617
Filing Date :13/12/2011
(87) International Publication No :WO 2012/087665
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JOLY Guy D.
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3)GADDAM Babu N.

(57) Abstract :
Surface modified zirconia nanoparticles include zirconia nanoparticles and surface modifying ligands attached to the zirconia nanoparticles. The ligand includes a hydroxamate functionality and either a reactive group or an oligomeric group. Reactive groups include chain transfer groups or photoinitiator groups. Oligomeric groups include poly(meth)acrylate or poly(meth)acrylamide groups. Articles can be prepared that include the surface modified zirconia nanoparticles in an organic matrix.

No. of Pages : 59 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.618/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PISTON FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F02F3/00,F16J1/08
(31) Priority Document No :2011174062
(32) Priority Date :09/08/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/070323
Filing Date :09/08/2012
(87) International Publication No :WO 2013/022062
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HIROMATSU Takeshi

(57) Abstract :
Provided is a piston configured so that frictional resistance between the skirt thereof and the inner surface of the cylinder is reduced to improve fuel consumption. A piston (1) for an internal combustion engine is configured so that when the piston (1) slides along the inner surface (12) of the cylinder a high surface pressure section (14) occurs at the center of the skirt (6) and low surface pressure sections (15) occur on both sides of the high pressure surface section (14). The piston (1) for an internal combustion engine is characterized in that horizontal grooves (16) are provided in the high surface pressure section (14) among the multiple sections and tilted grooves (17) are provided in the low surface pressure sections (15) among the multiple sections the tilted grooves (17) being tilted downward to the high surface pressure section (14) side and being connected to the ends of the horizontal grooves (16).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.6678/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHOD FOR HANDLING EXCEPTION EVENTS

(51) International classification :G06F9/30,G06F9/318,G06F9/38
(31) Priority Document No :1004303.2
(32) Priority Date :15/03/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2011/050389
Filing Date :28/02/2011
(87) International Publication No:WO/2011/114124
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)RICHARD ROY GRISENTHWAITE

(57) Abstract :
Processing circuitry (4) has a plurality of exception states EL0-EL3 for handling exception events, the exception states including a base level exception state ELO and at least one further level exception state EL1-EL3. Each exception state has a corresponding stack pointer indicating the location within the memory of a corresponding stack data store (35). When the processing circuitry is in the base level exception state ELO, stack pointer selection circuitry (40) selects the base level stack pointer as a current stack pointer indicating a current stack data store for use by the processing circuitry (4). When the processing circuitry (4) is a further exception state, the stack pointer selection circuitry (40) selects either the base level stack pointer or the further level stack pointer corresponding to the current further level exception state as a current stack pointer.

No. of Pages : 46 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2012

(21) Application No.6003/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM PERTAINING TO AN AUTOMATICALLY CONTROLLED CLUTCH

(51) International classification :F16D48/06,B60K23/02
(31) Priority Document No :1050097-3
(32) Priority Date :01/02/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050095
Filing Date :31/01/2011
(87) International Publication No :WO/2011/093787
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)RICHARD BOSTR–M

(57) Abstract :
The present invention relates to a method for control of a clutch (106) of a vehicle (100), which clutch is automatically controlled by a vehicle control system, such that opening and/or closing of said clutch (106) is effected by means of a clutch actuator (115) which comprises at least one first clutch actuator component (208, 212, 213, 214). The method comprises : - determining a first temperature value for said at least one first clutch actuator component (208, 212, 213, 214), and -reducing the use of said clutch (106) by the control system during driving of said vehicle (100) when said first temperature value fulfils a first criterion in the form of a temperature limit. (FR)La presente invention a pour objet un procede de commande de Iembrayage (106) dun vehicule (100), lequel embrayage est commande automatiquement par un systeme de commande de vehicule, de telle sorte que Iouverture et/ou la fermeture dudit embrayage (106) soit effectuee au moyen dun actionneur (115) dembrayage qui comprend au moins un premier element (208, 212, 213, 214) dactionneur dembrayage. Le procede comprend : - la determination dune premiere valeur de temperature pour ledit au moins un premier element (208, 212, 213, 214) dactionneur dembrayage, et - la reduction de Iutilisation dudit embrayage (106) par le systeme de commandeurant la conduite dudit vehicule (100) lorsque ladite premiere valeur de temperature satisfait a un premier critere exprime sous la forme dune limite de temperature.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/07/2012

(21) Application No.6004/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM PERTAINING TO A CLUTCH

(51) International classification	:F16D48/06,B60W10/02,B60W30/18
(31) Priority Document No	:1050098-1
(32) Priority Date	:01/02/2010
(33) Name of priority country	:Sweden
(86) International Application No Filing Date	:PCT/SE2011/050096 :31/01/2011
(87) International Publication No	:WO 2011/093788
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)RICHARD BOSTR–M

(57) Abstract :
The present invention relates to a method for control of a clutch (106) of a vehicle (100), which clutch (106) is controlled by a vehicle control system and is adapted to selectively connecting an engine (101) to a gearbox (103). When the vehicle (100) is stationary and the clutch (106) is open, said method comprises: - putting said gearbox (103) into a neutral state at a first point in time after a first period with the vehicle stationary for at least 60 seconds has passed, and - closing said clutch (106) at a second point in time when a second period has passed since said first point in time.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.6600/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DRIVER CIRCUIT FOR DRIVING A LOAD CIRCUIT

(51) International classification :H02M3/335
(31) Priority Document No :10152881.8
(32) Priority Date :08/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050436
Filing Date :01/02/2011
(87) International Publication No :WO 2011/101761
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ELFERICH Reinhold

(57) Abstract :
Driver circuits (1) for driving load circuits comprise transformer circuits (21) with primary side windings to be coupled to source circuits and with secondary side windings to be coupled to the load circuits. By providing the driver circuits (1) with determination circuits (22) for determining secondary side currents as functions of primary side currents primary side voltages primary side inductances and transformer ratios the secondary side currents can be determined solely at primary sides of the transformer circuits (21). Functions may define secondary side currents to be proportional to differences between first signals proportional to integrals of primary side voltages divided by primary side inductances and second signals proportional to primary side currents

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.672/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN OPTICAL ELEMENT A LIGHTING SYSTEM AND A LUMINAIRE FOR PROVIDING A SKYLIGHT APPEARANCE

(51) International classification :F21S8/04,F21V11/08,E04B9/32
(31) Priority Document No :11174654.1
(32) Priority Date :20/07/2011
(33) Name of priority country :EPO
(86) International Application No:PCT/IB2012/053693
Filing Date :19/07/2012
(87) International Publication No :WO 2013/011481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SEUNTIENS Petrus Johannes Hendrikus
2)SALTERS Bart Andre
3)ONAC Gabriel Eugen
4)MEERBEEK Berent Willem
5)VAN LOENEN Evert Jan

(57) Abstract :
An optical element a lighting system and a luminaire is provided. The optical element comprises a plate 100 and a plurality of collimating means. The optical element is to be used in front of a light source comprising a light emitting surface 106 and the optical element is configured to obtain a skylight appearance. The plate 100 is to be arranged parallel to the light emitting surface 106. The plate 100 is opaque and comprises a plurality of holes 104. The plate 100 further comprises a reflective surface 102 which is to be arranged parallel to the light emitting surface 106. The reflective surface 102 is light reflective in a predetermined spectral range to obtain a blue light emission 100. The plurality of collimating means collimate a part of the light received from the light source to obtain a collimated light beam 112 in a specific direction. Each one of the collimating means comprises one of the plurality of holes of the plate 104.

No. of Pages : 28 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6503/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHOD FOR ENABLING UPLINK BEAMFORMING TRANSMIT DIVERSITY CHANNEL ESTIMATION

(51) International classification :H04B7/04,H04L25/02
(31) Priority Document No :61/302,058
(32) Priority Date :05/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/023785
Filing Date :04/02/2011
(87) International Publication No :WO 2011/097507
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YIBO JIANG
2)SHARAD DEEPAK SAMBHWANI
3)JILEI HOU

(57) Abstract :
A method and apparatus for enabling uplink beamforming transmit diversity channel estimation is provided. The method may include receiving a primary pilot channel and a secondary pilot channel, deriving two or more composite channels from the received primary and secondary pilot channels, deriving two or more physical channels from the derived two or more composite channels, and synthesizing a composite channel estimate for a dominant virtual antenna from the two or more derived physical channels and a beamforming weight vector.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6504/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH VOLTAGE HIGH FREQUENCY ESD PROTECTION CIRCUIT FOR RF ICS

(51) International classification :H03F1/52,H01L27/02
(31) Priority Document No :61/296,212
(32) Priority Date :19/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/021752
Filing Date :19/01/2011
(87) International Publication No :WO 2011/091064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)EUGENE R. WORLEY
2)BYUNGWOOK MIN
3)DER-WOEI WU

(57) Abstract :
Improved ESD protection circuits for RFICs requiring both high voltage and high frequency operation is described. A cascode grounded gate snap-back NFET (GGNFET) combined with a precharge circuit and a diode network results in a positive ESD protection clamp with low capacitance and high turn-on voltage. The positive ESD protection clamp provides ESD protection to an IC during a positive voltage ESD pulse. Exemplary embodiments of a negative ESD protection clamp are disclosed where a bias circuit or a charge pump is used in place of the precharge circuit in a manner that allows the combination of the bias circuit or the charge pump together with a diode network and a cascode grounded gate snap-back NFET to provide protection against negative ESD voltage pulses. The combination of a positive and a negative ESD protection clamp provides ESD protection to an IC during either a positive or a negative voltage ESD pulse. Alternate embodiments further reduce the capacitance of the ESD protection circuit by using only a positive ESD clamp to provide ESD protection during a positive ESD pulse while protection for a negative ESD pulse is provided by a discharge path formed by a path of an RF front-end switch coupled to a negative ESD diode.

No. of Pages : 37 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2012

(21) Application No.6505/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LOCAL ROAMING CHARGING IN LTE/EPC NETWORKS

(51) International classification :H04W4/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2010/071407
Filing Date :30/03/2010
(87) International Publication No :WO 2011/120217
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)XIANGYANG LI
2)YIGANG CAI

(57) Abstract :
Communication networks and methods are disclosed for performing local roaming charging in LTE/EPC networks. A visited Online Charging System (OCS) in the LTE/EPC network receives a credit request from a network element in a visited network that has been requested to provide a service to a roaming mobile device. In response to the credit request, the visited OCS determines a local rating for the service based on a local tariff defined by the operator of the visited network. The visited OCS grants a quota of service units to the network element based on the local rating, and transmits a credit response to the network element indicating the granted quota

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2013

(21) Application No.6885/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DISTRIBUTED DATABASE SYSTEM

(51) International classification :G06F12/00,G06F17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/071255
Filing Date :23/08/2012
(87) International Publication No :WO 2014/030235
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ITO Koji
2)KIMURA Satoshi
3)HIZUME Yohei

(57) Abstract :
Data for a distributed compression restoration index (D CRX) related to a correspondence relationship between a key value related to a registration request and an NID and data for a distributed compression result set cache (D CRS) related to a correspondence relationship between a distributed row identifier (RID) which takes a unique value for each column within a table configuring a distributed type database and the NID are distributedly stored in each of a plurality of slave nodes (15 17 and 19). When distributedly storing the data for the (D CRX) in each of the plurality of slave nodes (15 17 and 19) for each of the (D CRX) data to which the same NID as the NID indicated by the data for the (D CRS) has been assigned the same slave node as the slave node that has been determined as the storage destination for the data for the (D CRS) is determined as the storage destination for the data for the (D CRX).

No. of Pages : 102 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.6704/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE FOR HEATING AND FROTHING A LIQUID

(51) International classification :A47J31/44
(31) Priority Document No :10153273.7
(32) Priority Date :11/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050523
Filing Date :08/02/2011
(87) International Publication No :WO/2011/098949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DOUMA Sipke Theo

(57) Abstract :
A device(2)for heating and frothing a liquid such as milk comprises means (32) for generating steam which is to be used for heating the liquid and an intake (27) of air which is to be used for frothing the liquid. Other than in conventional devices the air intake (27) is arranged in the steam generating means (32) so that it is possible to supply air directly into the steam generating means (32) namely through the air intake (27) and to realize a combined flow of steam and air which is very well suitable to be used in the heating and frothing processes to be performed. As a consequence a heating/frothing unit (40) which is part of the device (2) only needs to have one connection to a supply line (60) besides a connection to a supply line (10) for supplying the liquid.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.6706/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING A RESPIRATION SIGNAL

(51) International classification :A61B5/113
(31) Priority Document No :10153269.5
(32) Priority Date :11/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050512
Filing Date :07/02/2011
(87) International Publication No :WO 2011/098944
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MORREN Geert Guy Georges

(57) Abstract :
The invention relates to a method and apparatus for determining a respiration of a subject (305) in which with a single multi-axial accelerometer (310) positioned on a body of the subject (305) accelerometer signals are generated (101) indicative of the acceleration of the subject (305) along different spatial axes a vector magnitude signal of the acceleration of the subject (305) along the different spatial axes is calculated (102) from the accelerometer signals a non-respiratory motion contribution to the acceleration along the different spatial axes is identified (103 203) from the vector magnitude signal which non-respiratory motion contribution is not caused by the respiration and a respiration signal indicative of the respiration of the subject is determined (104 204) by filtering the non- respiratory motion contribution from at least one of the accelerometer signals.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.734/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIVING TISSUE LIGATING DEVICE

(51) International classification :A61B17/122,A61B17/128
(31) Priority Document No :201110358591.6
(32) Priority Date :11/11/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/084467
Filing Date :12/11/2012
(87) International Publication No :WO 2013/067974
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ZHU Jian

(57) Abstract :
A living tissue ligating device comprising a clamp (10) an operating device (20) and a conveying device (30); the clamp (10) comprises an elastic clip (11) and a tightening tube (12) to receive the elastic clip (11) therein; the operating device (20) comprises a handle (21) and a slider (22) capable of sliding on the handle (21); and the conveying device (30) comprises an outer connecting mechanism (31) and an inner connecting mechanism (32). The device can be widely used at various positions in the alimentary canal can be repeatedly opened and closed and is simple to operate.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/02/2014

(21) Application No.749/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VEHICLE FRONT PILLAR STRUCTURE

(51) International classification :B62D
(31) Priority Document No :2013-035218
(32) Priority Date :25/02/2013
(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 :**
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(72)**Name of Inventor :**
1)Daisuke NIIMI

(57) Abstract :
A vehicle front pillar structure capable of protecting an occupant more reliably against an impact caused by a front collision while ensuring visibility for the occupant in a vehicle including two front pillars, namely an anterior and a posterior front pillar is provided. A vehicle front pillar structure includes an anterior front pillar 120 and a posterior front pillar 130, a front pillar lower panel 140A that extends downward from the lower ends of the front pillars, and a cowl side member 150 that conveys a force from the vehicle front surface to the front pillar lower panel 140A via a first fixing point 162, a distance D1 from the lower end 184 of the posterior front pillar 130 to the first fixing point 162 being shorter than either of the distances D2 or D3 from the lower end 186 of the anterior front pillar to the first and second fixing points 162 and 164 respectively, and the cross-sectional area of the anterior front pillar 120 being smaller than the cross-sectional area of the posterior front pillar 130.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/03/2014

(21) Application No.2259/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADAPTIVE TRANSMITTER PRE DISTORTION REUSING EXISTING RECEIVER FOR FEEDBACK

(51) International classification :H04L25/03,H04L27/36,H03F1/32
(31) Priority Document No :61/547640
(32) Priority Date :14/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060306
Filing Date :15/10/2012
(87) International Publication No :WO 2013/056257
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)MARRA Thomas D.
5)SAHOTA Gurkanwal Singh
6)CICCARELLI Steven C.
7)PATEL Shrenik

(57) Abstract :
A modem is described. The modem includes a transmitter. The transmitter includes a digital pre distortion module and a power amplifier. The modem also includes one or more selected shared receivers. The one or more selected shared receivers generate a feedback signal for the digital pre distortion module. The modem further includes a feedback switch. The feedback switch selectively couples the one or more selected shared receivers to an output of the transmitter.

No. of Pages : 37 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2013

(21) Application No.2449/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL POLYMORPHS OF VISMODEGIB

(51) International classification :A61K31/497
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)VAMSI KRISHNA, BANDI

(57) Abstract :
The present invention provides a novel crystalline Form of vismodegib, process for its preparation and pharmaceutical compositions comprising it. The present invention also provides a novel amorphous Form of vismodegib, process for its preparation and pharmaceutical compositions comprising it.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2014

(21) Application No.595/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AMIDE COMPOUND AND USE THEREOF FOR CONTROLLING HARMFUL ARTHROPODS

(51) International classification :C07D307/16,C07D405/12,C07D407/12
(31) Priority Document No :2011216494
(32) Priority Date :30/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075870
Filing Date :28/09/2012
(87) International Publication No :WO 2013/047904
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MATSUO Noritada
3)OHSHITA Jun

(57) Abstract :
The present invention provides a novel compound having a control efficacy on harmful arthropods. a compound represented by formula (i): wherein y represents a 3 7 membered saturated heterocyclic group containing one or more atoms or groups selected from the group consisting of oxygen atom and s(o) as the heterocycle constituting element wherein the saturated heterocyclic group may optionally be substituted with the same or different 1 to 3 atoms or groups selected from group d; t represents 0 etc.; x represents a phenyl group etc.; w represents an oxygen atom etc.; r represents 0 etc.; r r r r r r r and r are the same or different to each other and each independently represent hydrogen atom etc.; and n represents 1 etc.; shows an excellent controlling efficacy on harmful arthropods.

No. of Pages : 229 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.714/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING PARALLEL RESOURCE REQUESTS IN A PORTABLE COMPUTING DEVICE

(51) International classification :G06F9/54
(31) Priority Document No :13/224198
(32) Priority Date :01/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/051203
Filing Date :16/08/2012
(87) International Publication No :WO 2013/032727
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GARGASH Norman S.
2)VIJAYARAJAN Vinod

(57) Abstract :
A method and system for managing parallel resource requests in a portable computing device (PCD) are described. The system and method includes generating a first request (252) from a first client the first request issued in the context of a first execution thread. The first request may be forwarded to a resource (255). The resource may acknowledge the first request and initiate asynchronous processing. The resource may process the first request (256)while allowing the first client to continue processing (260) in the first execution thread. The resource may signal completion of the processing of the first request (264) and may receive a second request (268). The second request causes completion of the processing of the first request (270). The completion of the processing of the first request may include updating a local representation of the resource to a new state and invoking any registered callbacks. The resource may become available to service the second request and may process the second request.

No. of Pages : 58 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.7987/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF TMPRSS6 GENE

(51) International classification :A61K48/00,A61K9/127,C12N15/11
(31) Priority Document No :61/468830
(32) Priority Date :29/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/030786
Filing Date :28/03/2012
(87) International Publication No :WO 2012/135246
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BETTENCOURT Brian
3)TOUDJARSKA Ivanka

(57) Abstract :
The invention relates to double stranded ribonucleic acid (dsRNA) compositions targeting the TMPRSS6 gene and methods of using such dsRNA compositions to inhibit expression of TMPRSS6.

No. of Pages : 436 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/07/2012

(21) Application No.6289/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE AND METHOD FOR IMPROVING THE PERFORMANCE OF A MOTOR VEHICLE

(51) International classification :F01N3/20,F02D41/04
(31) Priority Document No :1050041-1
(32) Priority Date :18/01/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050045
Filing Date :18/01/2011
(87) International Publication No :WO 2011/087445
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LARS ERIKSSON
2)CHRISTIAN KUNKEL

(57) Abstract :
The invention relates to a method for improving the performance of a motor vehicle (100; 110) which has an engine (230) and an exhaust system with a catalyst (260). The method comprises the step of determining (s440) whether a predetermined operating state of said vehicle (100; 110) is fulfilled which pertains to a situation in which there is increased risk of coating formation in the exhaust system. The method also comprises the step of applying (s460), if said operating state is fulfilled, at least one measure to counter said coating formation. The invention relates also to a computer programme product comprising programme code (P) for a computer (200; 210) for implementing a method according to the invention. The invention relates also to a device for improving the performance of a motor vehicle (100; 110) which has an engine (230) and an exhaust system with a catalyst (260) and to a motor vehicle which is equipped with the device.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.676/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DOMESTIC APPLIANCE COMPRISING AN ACTUATOR

(51) International classification :A47J
(31) Priority Document No :61/509157
(32) Priority Date :19/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/053675
Filing Date :19/07/2012
(87) International Publication No :WO 2013/011473
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHOY Kam Weng
3)TACK Johannes Willem

(57) Abstract :
Domestic appliance (1 30) such as a steam iron or a coffee making apparatus comprising a housing a water reservoir an actuator (5) for example plunger pump and a boiler for providing hot water or steam for an appliance. An input of the plunger pump is connected to the water reservoir an output of the plunger pump is connected to an inlet of the boiler. In operation the plunger pump is reciprocating at the mains frequency. The operating plunger pumps introduces vibrations which are transmitted to the housing and radiated by the housing to the environment which cause sounds and noise which are not user and environment friendly. In order to reduce the sound induced by these vibrations the domestic appliance is provided with two leaf springs (21 23) mounted at opposite sides of the actuator (5) for moving the actuator (5) in a direction opposite to a direction of the movement of the drive member (8).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.8000/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BREATHLESSNESS AND EDEMA SYMPTOM ASSESSMENT

(51) International classification :A61B5/08
(31) Priority Document No :61/453153
(32) Priority Date :16/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051121
Filing Date :09/03/2012
(87) International Publication No :WO 2012/123874
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A non transitory computer readable storage medium storing a set of instructions executable by a processor. The set of instructions is operable to receive a set of data relating to a current symptom of a patient; determine one of a current level of breathlessness and a current level of edema for the patient based on the received data; and provide an alert to one of the patient and a medical professional if the determined one of the current level of breathlessness and the current level of edema is greater than an acceptable level.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.8004/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STUDYING DOSIMETRIC IMPACT OF MOTION TO GENERATE ADAPTIVE PATIENT SPECIFIC MARGINS IN EBRT PLANNING

(51) International classification :A61N5/10
(31) Priority Document No :61/452797
(32) Priority Date :15/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051178
Filing Date :13/03/2012
(87) International Publication No :WO 2012/123894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BHARAT Shyam
2)BZDUSEK Karl Antonin
3)PARIKH Parag Jitendra
4)NOEL Camille Elizabeth

(57) Abstract :
A treatment planning system (106) for generating patient specific treatment margins. The system (106) includes one or more processors (142). The processors (142) are programmed to receive a radiation treatment plan (RTP) for irradiating a target (122) over the course of one or more treatment fractions. The RTP including one or more treatment margins around the target (122) and a planned dose distribution for the target (122). The processors (142) are further programmed to receive motion data for at least one of the treatment fractions of the RTP from one or more target surrogates (124) calculate a motion compensated dose distribution for the target (122) using the motion data and the planned dose distribution compare the motion compensated dose distribution to the planned dose distribution and adjust the treatment margins based on dosimetric differences between the motion compensated dose distribution and the planned dose distribution.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/06/2013

(21) Application No.4613/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SURFACING CONTENT INCLUDING CONTENT ACCESSED FROM JUMP LIST TASKS AND ITEMS

(51) International classification :G06Q50/30
(31) Priority Document No :12/977668
(32) Priority Date :23/12/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067077
Filing Date :23/12/2011
(87) International Publication No :WO 2012/088487
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MORGAN Bruce A.
4)DAVIS John E.
5)POSEY Justin Martin
6)JANGLA Kinnary M.
7)LE Phu Hoang
8)RUBINO David J.
9)PATTON Mara B.

(57) Abstract :
Various embodiments provide a mechanism to allow end users to install web applications and websites onto their desktop. In accordance with one or more embodiments client side code can be utilized to allow developers associated with a website to define boundaries associated with user interaction and have those boundaries enforced by a run time engine. In at least some embodiments developers can provide through JavaScript code and/or HTML markup various configurations for the creation of a start menu shortcut navigation and so called jumplist integration.

No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2013

(21) Application No.4812/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FRUIT FORMATION IN THE ABSENCE OF FERTILISATION

(51) International classification :A01H5/08,A01H1/06
(31) Priority Document No :2005908
(32) Priority Date :22/12/2010
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2011/050890
Filing Date :22/12/2011
(87) International Publication No :WO 2012/087140
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)EGGINK Pieter Martijn
2)VAN DUN Cornelis Maria Petrus
3)HAANSTRA Jacob Pieter Willem

(57) Abstract :
The present invention relates to a pepper plant showing the trait fruit formation in the absence of fertilisation wherein said trait is obtainable by introgression from a plant grown from seed that was deposited with the NCIMB under accession number NCIMB 41678 NCIMB 41680 or NCIMB 41684. The invention further relates to progeny of the plant propagation material for producing the plant to fruits of the plant and to a food product comprising the fruit or parts thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.668/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POSITION MARKER FOR USE IN AN MRI APPARATUS

(51) International classification :G01R33/28
(31) Priority Document No :61/510115
(32) Priority Date :21/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/053621
Filing Date :16/07/2012
(87) International Publication No :WO 2013/011444
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KRUEGER Sascha

(57) Abstract :
A fiducial position marker (1) for use in a magnetic resonance (MR) imaging apparatus is disclosed for exciting and/or receiving MR signals in/from a local volume which at least substantially surrounds or adjoins the position marker in order to determine and/or image from these MR signals the position of the position marker in an MR image of an examination object. Such a position marker (1) is especially used for determining and/or imaging a position of an interventional or non interventional instrument to which the position marker may be attached like a catheter a surgical device a biopsy needle a pointer a stent or another invasive or any non invasive device in an MR image of an examination object. Further a position marker system comprising such a position marker (1) and a circuit arrangement (5 6 6a 8) for driving the position marker (1) for exciting MR signals and/or for processing MR signals received by the position marker is disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.707/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RECOMMENDER SYSTEM AND METHOD OF OPERATING SAME

(51) International classification :G06Q30/02
(31) Priority Document No :11172447.2
(32) Priority Date :01/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/062743
Filing Date :29/06/2012
(87) International Publication No :WO 2013/004627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a method of operating a recommender system arranged for being coupled to a computer implemented social network (200). The present invention furthermore relates to a corresponding computer program and to a corresponding recommender system (100) arranged for being coupled to a computer implemented social network (200). In particular the present invention relates to a recommender system (100) being configured to provide a recommendation (172) relating to a content item being highly discussed in the social network (200) without the recommendation being necessarily based on some kind of a correlation between characteristics of a recipient (10) of the recommendation on the one side and characteristics of content items to be recommended and/or characteristics of contacts/friends of the recipient (10) on the other side.

No. of Pages : 25 No. of Claims : 15

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

(21) Application No.8074/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM METHODS AND APPARATUS FOR INCENTIVIZING SOCIAL COMMERCE

(51) International classification :G06Q30/00,G06Q50/00
(31) Priority Document No :13/046516
(32) Priority Date :11/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/045616
Filing Date :27/07/2011
(87) International Publication No :WO 2012/125180
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)RODRIGUEZ Joseph
6)SHROCK Courtney

(57) Abstract :
A system apparatus and methods are described for maintaining sharing relationships in incentivized social commerce using an application server a database server and a multimedia content distribution system. The application server includes a processor and an interface for communicating over a computer network and is operative to communicate to a database server storing tables for maintaining and earning incentives based on completed purchase transactions using one or more distributed web widgets. The multimedia content distribution system is executed on the processor of the application server and is operative to build and distribute web widgets over a computer network. The web widgets are distributed through sharing relationships in online social communities to stimulate social commerce from the sharing and purchasing of web widgets which provide access to multimedia content.

No. of Pages : 84 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2012

(21) Application No.7787/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BENZAZEPINE COMPOUND

(51) International classification :C07D487/04,A61K31/55,A61P3/04
(31) Priority Document No :61/313133
(32) Priority Date :12/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2011/055759
Filing Date :11/03/2011
(87) International Publication No :WO 2011/111817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided is a compound which is useful as an agent for treating or preventing 5-HT2C receptor-related diseases, particularly incontinence such as stress urinary incontinence, urge urinary incontinence, mixed urinary incontinence, and the like, sexual dysfunction such as erectile dysfunction syndrome and the like, obesity, and the like. [Means for Solution] The present inventors have investigated compounds having a 5- HT2C receptor agonist activity, which is promising as an active ingredient of a pharmaceutical composition for treating or preventing incontinence such as stress urinary incontinence, urge urinary incontinence, mixed urinary incontinence, and the like, sexual dysfunction such as erectile dysfunction syndrome and the like, obesity, and the like, and have found that the benzazepine compounds of the present invention have an excellent 5- HT2C receptor agonist activity, thereby completing the present invention. That is, the benzazepine compounds of the present invention have a 5-HT2C receptor agonist activity and can be used as an agent for treating or preventing 5-HT2C receptor-related diseases, particularly incontinence such as stress urinary incontinence, urge urinary incontinence, mixed urinary incontinence, and the like, sexual dysfunction such as erectile dysfunction syndrome and the like, obesity, and the like

No. of Pages : 259 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8083/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A DEVICE FOR DETECTING AN ANALYTE

(51) International classification :G01N21/17,G01N29/24,G01N33/542
(31) Priority Document No :1105828.6
(32) Priority Date :06/04/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050772
Filing Date :05/04/2012
(87) International Publication No :WO 2012/137009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RICHARDS Julie
3)CARTER Tim

(57) Abstract :
This invention relates to a device for detecting an analyte in a sample comprising: a radiation source adapted to generate a series of pulses of electromagnetic radiation; a transducer having a pyroelectric or piezoelectric element and electrodes which is capable of transducing energy generated by non radiative decay into an electrical signal; a detector which is capable of detecting the electrical signal generated by the transducer; a first reagent proximal to the transducer the first reagent having a binding site which is capable of binding a labelled reagent proportionally to the concentration of the analyte in the sample which labelled reagent being capable of absorbing the electromagnetic radiation generated by the radiation source to generate energy by non radiative decay; a second reagent proximal to the transducer the second reagent having a lower affinity for the labelled reagent under the conditions of the assay than the first reagent; and a third reagent proximal to the transducer the third reagent having a binding site which is capable of binding the labelled reagent wherein the third reagent has an affinity for the labelled reagent which is less influenced than the first reagent by the concentration of the analyte or the complex or derivative of the analyte.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8086/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : EARTH BOLT

(51) International classification :F16B35/00,F16B5/02
(31) Priority Document No :2011083662
(32) Priority Date :05/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059220
Filing Date :04/04/2012
(87) International Publication No :WO 2012/137831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SUZUKI Nobuyoshi
3)ONO Mitsunari

(57) Abstract :
Provided is an earth bolt the conductivity and water tightness of which can be ensured simultaneously when being fastened and in which peeled off coating pieces can be held inside so as not to be scattered to the outside. The earth bolt (1) is used by being electrically connected to a mating member (20) on which an insulating film (21) is formed and is characterized in having a thread portion (3) and a head portion (2) and being equipped with a projection portion (5) projecting from the seating face (4) of the head portion and formed in a circular ring shape outside the thread portion capable of peeling off the insulating film.

No. of Pages : 23 No. of Claims : 8

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

(21) Application No.5523/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND MOBILE TERMINAL FOR CONTROLLING BLUETOOTH LOW ENERGY DEVICE

(51) International classification :G08B
(31) Priority Document No :10-2012-0139245
(32) Priority Date :03/12/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)Sang-hyup LEE
3)Min-jeong KO
4)Kwang-choon KIM
5)Jung-won SUH
6)Seung-hyuck SHIN
7)Sung-jin YOON

(57) Abstract :
A method of controlling, by using a mobile terminal, at least one Bluetooth Low Energy (BLE) device is provided. The method includes searching for at least one BLE device, displaying a BLE device list, including the at least one searched for BLE device, on a display unit of the mobile terminal, receiving an input of selection of a BLE device from the BLE device list, receiving an input of user added information from a user regarding the selected BLE device, and mapping and storing property information and the user added information regarding the selected BLE device.

No. of Pages : 69 No. of Claims : 15

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

(21) Application No.648/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS OF MONITORING HYDRAULIC FLUID LEVELS IN AN AIRCRAFT

(51) International classification :A47L
(31) Priority Document No :1302426.0
(32) Priority Date :12/02/2013
(33) Name of priority country :U.K.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HOWARD, Julia Ann
3)HORABIN, Robert William

(57) Abstract :
A method (100) of monitoring hydraulic fluid levels in an aircraft includes identifying segments of operation where the aircraft meets a predetermined stability criteria (102), receiving output from the fluid sensor (104), calculating hydraulic fluid levels within the at least one hydraulic storage tank (106), determining a hydraulic fluid value indicative of the amount of hydraulic fluid in the aircraft based on at least the calculated hydraulic fluid level (108), and providing an indication of the hydraulic fluid value (110).

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.6601/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS SYSTEM AND METHOD FOR IMAGING AND TREATMENTUSING OPTICAL POSITION SENSING

(51) International classification :A61B5/06,A61B8/12,A61N7/02
(31) Priority Document No :61/302,571
(32) Priority Date :09/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050169
Filing Date :14/01/2011
(87) International Publication No :WO/2011/098926
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DESJARDINS Adrein Emmanuel
4)T HOOFT Gert
5)HALL Christopher Stephen

(57) Abstract :
An apparatus system and method for determining a position includes a transducer device (102) configured to receive signals from a console (104) and generate images based upon reflected waves. A flexible cable (108) is coupled to the transducer device to provide excitation energy to the transducer device from the console. An optical fiber (110) has a shape and position corresponding to a shape and position of the cable during operation. A plurality of sensors (122) is in optical communication with the optical fiber. The sensors are configured to measure deflections and bending in the optical fiber such that the deflections and bending in the optical fiber are employed to determine positional information about the transducer device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.6602/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : 3D VIDEO FORMAT DETECTION

(51) International classification :H04N13/00
(31) Priority Document No :10152997.2
(32) Priority Date :09/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050455
Filing Date :02/02/2011
(87) International Publication No :WO 2011/098936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BRULS Wilhelmus Hendrikus Alfonsus

(57) Abstract :
A video signal is processed in a video device (50). The video signal transfers video data representing either three dimensional video [3D] content formatted according to a 3D format or 2D content formatted according to a 2D format. The video signal has a 2D frame and a control structure of a 2D format for being compatible with existing distribution systems. The device has a processor (52) for providing a 3D status signal indicative of the format of the video signal. The processor determines a respective format score for at least one of the possible 3D formats by processing the video data according to respective predetermined format properties for deriving and comparing respective 3D subframes and sets the 3D status signal based on an assessment of the format score to indicate the format of the video signal.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8102/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITIONS AND METHODS FOR DETERMINING RISK OF A CARDIOVASCULAR OCCLUSIVE EVENT

(51) International classification :G01N33/53
(31) Priority Document No :61/451487
(32) Priority Date :10/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028023
Filing Date :07/03/2012
(87) International Publication No :WO 2012/122242
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present disclosure provides methods for assessing risk of a cardiovascular occlusive event in an individual. The methods find use in diagnostic and prognostic applications. The present disclosure provides a method for measuring the level of pre 1 high density lipoprotein in a biological sample; and also provides kits for use in carrying out the method.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8104/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DRIVE ASSEMBLY FOR A DRUG DELIVERY DEVICE AND CORRESPONDING DRUG DELIVERY DEVICE

(51) International classification :A61M5/315
(31) Priority Document No :11165045.3
(32) Priority Date :06/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058181
Filing Date :04/05/2012
(87) International Publication No :WO 2012/152667
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)LAM Ngoc Jane
6)KRAFT Torsten

(57) Abstract :
A drive assembly for a drug delivery device (1) is disclosed. The drive assembly is connectable with a cartridge holder (2) and comprises a housing (3) a piston rod (17) the piston rod (17) being movable in a distal direction for drug delivery and a guide nut (4) the guide nut (4) being rotatable relative to the housing (3) around an axis of the assembly and provided for guiding the piston rod (17). A locking means (9) is provided which is enabled to take an engaged state in which the locking means (9) is engaged with the guide nut (4) in order to prevent rotation of the guide nut (4) and to take a disengaged state in which the locking means (9) is disengaged from the guide nut (4) in order to allow rotation of the guide nut (4). Moreover a coupling means (14) is provided the coupling means (14) being rotatable relative to the housing (3) around the axis of the assembly for interaction with the locking means (9) in order to change between the engaged state and the disengaged state of the locking means (9).

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8105/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RETAINER FOR BALL BEARING AND BALL BEARING

(51) International classification :F16C33/38,F16C19/06,F16C33/66
(31) Priority Document No :2011108453
(32) Priority Date :13/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060967
Filing Date :24/04/2012
(87) International Publication No :WO 2012/157411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KATAYAMA Yasuyuki
3)OKADA Takahiro
4)SASAKI Katsuaki

(57) Abstract :
Provided are a retainer for a ball bearing and a ball bearing capable of achieving low torque. A retainer for a ball bearing is configured in such a manner that semispherical pockets for storing balls are formed at circumferential portions of the opposing surfaces of two axially opposing annular bodies and the two annular bodies are joined together while the opposing surfaces are made to abut against each other. A ball contact surface and non ball contact surfaces are provided on the inner peripheral surface of each of the pockets. The ball contact surface is formed at the center of the inner peripheral surface in the circumferential direction of the pocket at a position at at least the center in the axial direction of the pocket. The non ball contact surfaces are configured as recesses which are recessed further toward the side opposite the ball than the contact surface and the recesses are open at at least one end in the axial direction of the pocket.

No. of Pages : 50 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8106/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTEGRATED PSYCHOACOUSTIC BASS ENHANCEMENT (PBE) FOR IMPROVED AUDIO

(51) International classification :H04R1/10,G10L21/02
(31) Priority Document No :61/473531
(32) Priority Date :08/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026992
Filing Date :28/02/2012
(87) International Publication No :WO 2012/138435
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LI Ren
2)XIANG Pei

(57) Abstract :
Psychoacoustic Bass Enhancement (PBE) is integrated with one or more other audio processing techniques such as active noise cancellation (ANC) and/or receive voice enhancement (RVE) leveraging each technique to achieve improved audio output. This approach can be advantageous for improving the performance of headset speakers which often lack adequate low frequency response to effectively support ANC.

No. of Pages : 38 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8108/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FUNCTIONAL ARTICLE ARTICLE FOR TRANSPORT EQUIPMENT ARTICLE FOR CONSTRUCTION AND COMPOSITION FOR COATING

(51) International classification :B32B9/00,C09D1/00,C09D7/12
(31) Priority Document No :2011087383
(32) Priority Date :11/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059729
Filing Date :09/04/2012
(87) International Publication No :WO 2012/141150
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MORI Yusuke
2)KISHIKAWA Noriko

(57) Abstract :
Provided is a functional article having a water absorption layer having wear resistance as well as a water absorption function involved in condensation prevention humidity control fouling prevention fogging prevention icing prevention and the like; also provided are an article for transport equipment and an article for construction provided with the same. Further provided is a composition for coating making it possible to form a water absorbent coating having a water absorption function involved in condensation prevention humidity control fouling prevention fogging prevention icing prevention and the like and also having wear resistance. This functional article having a substrate as well as a water absorption layer provided to at least one surface of the substrate is characterized in that the water absorption layer contains a porous inorganic particulate and also an inorganic oxide serving as a binder component. This composition for coating contains a porous inorganic particulate having a mean primary particle diameter of 5 100 nm and a mean pore diameter of 1 50 nm a metal alkoxide and/or a partial hydrolysis condensation product thereof and a solvent.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.6720/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTERVENTIONAL ABLATION DEVICE WITH TISSUE DISCRIMINATING CAPABILITY

(51) International classification :A61B18/14
(31) Priority Document No :10154770.1
(32) Priority Date :26/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050727
Filing Date :22/02/2011
(87) International Publication No :WO/2011/098949
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LUCASSEN Gerhardus Wilhelmus
3)NACHABE Rami
4)BIERHOFF Waltherus Cornelis Jozef
5)DESJARDINS Adrien Emmanuel

(57) Abstract :
An interventional ablation device (1) is proposed to comprise an ablation needle (3) with an elongated body(5) and a handle(7). Adjacent to an ablation element (9) provided on the body (5) at least one or preferably two or more sensors(11-21) are provided preferably at both of opposing sides of the ablation element (9). The ablation device (1) is adapted for detecting physiological information of tissue (27 29 31) surrounding an ablation site (33) based on measurement values provided by the sensors. E.g. optical sensors may be used to measure a reflectance spectrum indicating whether the adjacent tissue is healthy tissue (31) tumorous tissue (27) or ablated tissue (29). Using such information an ablation process may be controlled.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8109/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR VACUUM DEGASSING OF MOLTEN GLASS DEVICE FOR VACUUM DEGASSING OF MOLTEN GLASS METHOD FOR PRODUCING MOLTEN GLASS DEVICE FOR PRODUCING MOLTEN GLASS METHOD FOR PRODUCING ARTICLE MADE OF GLASS AND DEVICE FOR PRODUCING ARTICLE MADE OF GLASS

(51) International classification :C03B5/225
(31) Priority Document No :2011088174
(32) Priority Date :12/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059734
Filing Date :09/04/2012
(87) International Publication No :WO 2012/141152
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)MAEHARA Terutaka
2)KITAMURA Rei
3)KABASHIMA Shuji

(57) Abstract :
Provided are a vacuum degassing method and vacuum degassing device having superior efficacy in the vacuum degassing of molten glass; more specifically provided are a method for vacuum degassing of molten glass and device for vacuum degassing of molten glass whereby the occurrence of reboil bubbles is effectively suppressed. A method for vacuum degassing of molten glass by melting raw glass material which becomes silicate glass and allowing the molten glass to flow to a passage within a vacuum degassing tank the interior of which is held in a depressurized state the method for vacuum degassing of molten glass being characterized in that the vacuum degassing is carried out under conditions satisfying equation (1) at the base of the vacuum degassing tank. $SS=pSO/P<2.0$ (1) In equation (1) SS is the degree of supersaturation of SO in the molten glass; pSO is the partial pressure (Pa) of SO; and P is the pressure (Pa) of the base of the glass passage in the vacuum degassing tank.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8110/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LAMINATED GLASS AND PROCESS FOR PRODUCING SAME

(51) International classification :C03C27/12,B60J1/00,C03B23/023
(31) Priority Document No :2011082103
(32) Priority Date :01/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058994
Filing Date :02/04/2012
(87) International Publication No :WO 2012/137742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TSUCHIYA Masahiro
2)KATO Yasumasa
3)KITAJIMA Yutaka
4)KASAJIMA Masashi
5)AKADA Shuichi

(57) Abstract :
Provided is a laminated glass for which two sheets of glass differing in thickness can be easily bent with satisfactory precision and which is excellent in terms of quality and cost. The laminated glass (60) comprises a plurality of plies of glass (12 14) which have been bent into a given shape and an interlayer (40) disposed between the multiple plies of glass (12 14) wherein at least two plies of glass (12 14) among the multiple plies of glass (12 14) differ in thickness. The laminated glass (60) is characterized in that the two plies of glass (12 14) which differ in thickness have different glass compositions and that at any temperature between the annealing point and the softening point of the thick glass ply (12) the thick glass ply (12) has a lower viscosity than the thin glass ply (14).

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8111/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WAVELENGTH INDICATION IN MULTIPLE WAVELENGTH PASSIVE OPTICAL NETWORKS

(51) International classification :H04Q11/00
(31) Priority Document No :61/473439
(32) Priority Date :08/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2012/073659
Filing Date :09/04/2012
(87) International Publication No :WO 2012/136153
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EFFENBERGER Frank J.

(57) Abstract :
An apparatus of a passive optical network (PON) comprising an optical line terminal (OLT) component configured to couple to an optical network unit (ONU) and send downstream wavelength identification to the ONU to indicate a wavelength that corresponds to the ONU wherein the downstream wavelength identification is transmitted using a Media Access Control (MAC) layer frame for an embedded channel a control message channel or a data channel. Also included is an apparatus of a PON comprising an ONU component configured to couple to an OLT and send upstream wavelength feedback to the OLT to indicate a wavelength that corresponds to the ONU wherein the upstream wavelength feedback is transmitted using a MAC layer frame for an embedded channel a control message channel or a data channel.

No. of Pages : 48 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6366/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF USING A TEMPERATURE-BASED AEROSOL DETECTOR

(51) International classification :A61M11/00,A61M11/06,A61M15/00
(31) Priority Document No :61/296668
(32) Priority Date :20/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055813
Filing Date :14/12/2010
(87) International Publication No :WO 2011/089486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HAARTSEN Jacob Roger
2)DENYER Jonathan Stanley Harold
3)LEPPARD Michael James Robbert
4)DYCHE Anthony
5)DEKKER Ronald
6)MARCELIS Bout

(57) Abstract :
An aerosol delivery system (e.g. MDI or nebulizer for delivering aerosolized medication to a patient) includes a temperature sensor in an aerosol output pathway of the system. A controller determines that an aerosol generator of the system has released aerosol when the sensor senses a predetermined temperature change in the pathway. The temperature sensor may also comprise a thermal flow sensor that includes a heater and upstream and downstream temperature sensors. The controller compares the upstream and downstream temperatures to determine the presence direction and/or magnitude of fluid flow in the pathway. The controller may use the aerosol detection and/or flow detection to monitor compliance with desired use of the system and/or provide real-time instructions to a user for proper use of the system. The controller may record the aerosolization and flow data for later analysis.

No. of Pages : 39 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.649/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR USING A MULTI FACTOR PASSWORD OR A DYNAMIC PASSWORD FOR ENHANCED SECURITY ON A DEVICE

(51) International classification :G06F21/20
(31) Priority Document No :13/196864
(32) Priority Date :02/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/049190
Filing Date :01/08/2012
(87) International Publication No :WO 2013/019880
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KRISHNAMURTHI Govindarajan

(57) Abstract :
Techniques for improving security on a device are disclosed. In an aspect a multi factor password comprising a plurality of factors may be used to improve security. Each factor may correspond to a different type of information that may be used for authentication and/or other purposes. For example the plurality of factors may include an alpha numeric string a fingerprint of a user a voice clip a picture a video etc. The device may authenticate the user based on the multi factor password. In another aspect a dynamic password that varies with at least one parameter (e.g. time location etc.) may be used to improve security. The dynamic password may have a plurality of values for a plurality of scenarios defined by at least one parameter. The device may authenticate a user in a given scenario based on a value of the dynamic password applicable for that scenario.

No. of Pages : 34 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.7975/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CAN BUS AUTOMATIC LINE TERMINATION

(51) International classification :G06F13/40,H04L25/02
(31) Priority Document No :13/042041
(32) Priority Date :07/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/026252
Filing Date :23/02/2012
(87) International Publication No :WO 2012/121891
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BEAM Jeffrey Stephen
3)TOPP Eric

(57) Abstract :
A network interface includes a receptacle configured to receive a plug a first contact and a second contact each disposed in the receptacle and a combination of a resistive element and a normally closed switch arranged in series with each other. The combination is coupled between the first contact and the second contact and has a first configuration in which the switch is opened responsive to a presence of the plug within the receptacle and a second configuration in which the switch is closed responsive to an absence of the plug from the receptacle.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8115/CHENP/2013 A
(43) Publication Date : 12/12/2014

(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/US2012/034516
Filing Date :20/04/2012
(87) International Publication No :WO 2012/145670
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHEN Peisong
3)KARCZEWICZ Marta

(57) Abstract :
Aspects of this disclosure relate to a method of coding video data. In an example the method includes identifying a first block of video data in a first temporal location from a first view wherein the first block of video data is associated with a first temporal motion vector. The method also includes determining when a second motion vector associated with a second block of video data comprises a temporal motion vector and the second block is from a second view a motion vector predictor for the second motion vector based on the first temporal motion vector. The method also includes coding prediction data for the second block using the motion vector predictor.

No. of Pages : 76 No. of Claims : 52

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

(21) Application No.740/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR INTERACTING WITH DIGITAL VIDEO RECORDERS THROUGH NETWORKING APPLICATIONS

(51) International classification :G06F
(31) Priority Document No :13/778,541
(32) Priority Date :27/02/2013
(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

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3)RAJA MANIKANDAN
4)ABDUL RAHEEM

(57) Abstract :
A method and apparatus are provided. The method includes the steps of providing a web or social networking account within a chat server for a digital video recorder (DVR) of a security system, the DVR receiving a chat message from a person through the chat server and the DVR automatically executing a predetermined instruction corresponding to a content of the received chat message.

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/01/2013

(21) Application No.77/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ULTRA ENERGY SAVING LOCOMOTIVE ENGINES USING MECHANICAL ADVANTAGE PRINCIPLES

(51) International classification :F02M
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DR. KUNAM SASIDHAR REDDY

(57) Abstract :
In this method of invention, using hybrid methods of vehicle engine functioning is achieved. In this technology mechanical advantage principles are used to enhance the workings of combustion, piston cylinder, rotatory and linear displacement coupled engines. In this method exhaust fumes are compressed in a cylinder and then blended with compressed air to inject into central engine chamber to optimize fuel energy conversion.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.7998/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD OF REMOTELY MONITORING AND/OR MANAGING THE TREATMENT OF A PLURALITY OF SUBJECTS WITH AEROSOLIZED MEDICAMENT

(51) International classification :G06F19/00
(31) Priority Document No :61/453248
(32) Priority Date :16/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051261
Filing Date :16/03/2012
(87) International Publication No :WO 2012/123919
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RABBETTS Ian Philip
3)DENYER Jonathan Stanley Harold

(57) Abstract :
Therapy regimes of a plurality of subjects are remotely monitored and/or managed wherein the therapy regimes include reception of aerosolized medicament. This enables users such as medical care providers researchers clinic administrators and/or other users to monitor and/or manage the therapy regimes of the plurality of subjects through a centralized access point. This reduces physical requirements of proximity for the users and/or the subjects alleviates the administrative burden placed on the users to manage and/or monitor individual therapy regimes and/or provides other enhancements over convention systems.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.7999/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR INTELLIGENT LINKING OF MEDICAL DATA.

(51) International classification :G06K9/62,G06T7/00
(31) Priority Document No :61/453155
(32) Priority Date :16/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050635
Filing Date :13/02/2012
(87) International Publication No :WO 2012/123829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SEVENSTER Merlijn

(57) Abstract :
Described herein are systems and methods for intelligently combining medical findings received across different modalities. The system comprises an extraction module extracting contextual information from an image of an area of interest including annotations a feature selection module building a current feature vector using the extracted contextual information and the annotations and a referencing engine computing a similarity score between the current feature vector and a prior feature vector of a prior image. The method comprises extracting contextual information from an image of an area of interest including annotations building a current feature vector using the extracted contextual information and the annotations and computing a similarity score between the current feature vector and a prior feature vector of a prior image.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8136/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR TREATING SLEEP APNEA

(51) International classification :A61M16/00,A61B5/085
(31) Priority Document No :61/454605
(32) Priority Date :21/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051165
Filing Date :13/03/2012
(87) International Publication No :WO 2012/127358
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MAHADEVAN Anandi
3)PROCYK Christopher Anthony
4)MCDERMOTT Mark Christopher

(57) Abstract :
Sleep apnea can be treated using positive airway pressure. Methods and systems for determining a level of airway obstruction allow beneficial adjustments to the level of expiratory positive airway pressure used to treat a subject.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8137/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR LIGHTING A SPACE USING AN LED STRING

(51) International classification :H05B33/08
(31) Priority Document No :11158819.0
(32) Priority Date :18/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051147
Filing Date :12/03/2012
(87) International Publication No :WO 2012/127354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)KURT Ralph

(57) Abstract :
In a method of lighting at least part of a space a light emitting diode (LED) string is used. The LED string comprises a first LED segment and at least one further LED segment which are connected in series each LED segment comprising at least one LED. The LED string is powered by a rectified AC voltage. The first LED segment is powered when the rectified AC voltage is above a first voltage level and the first LED segment and the further LED segment are powered when the rectified AC voltage is above a second voltage level higher than the first voltage level. The first LED segment is arranged to radiate light to a first volume of the space and the further LED segment is arranged to radiate light to a second volume of the space the first volume being at least partly different from the second volume. The first volume may at least partly overlap the second volume.

No. of Pages : 37 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/12/2012

(21) Application No.10646/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STACK ARRANGEMENT COMPRISING A LIGHTING UNIT IN BETWEEN A SUPPORT AND A SUPPORT COVER

(51) International classification	:F21V33/00,A47G27/00,D05C17/02
(31) Priority Document No	:10166997.6
(32) Priority Date	:23/06/2010
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2011/052631 :16/06/2011
(87) International Publication No	:WO/2011/161593
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)VAN HERPEN Maarten Marinus Johannes Wilhelmus

(57) Abstract :
The invention provides a stack arrangement (100) comprising a support (30) and a support cover (20). The support cover (20) may be wall paper and carpet PVC flooring linoleum flooring and plaster. At a position (1) between the support (30) and the support cover (20) a lighting unit (10) is configured to provide light (15) through the support cover (20). The support cover (20) and the support (30) are adhesively bonded to each other. The lighting unit (10) is releasably bonded to at least one of the support (30) and the support cover (20) via a release liner unit (40). The release liner unit (40) comprises a release liner (141) for releasable binding.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/06/2013

(21) Application No.5064/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STABLE DISPERSIONS OF MONOCRYSTALLINE NANOMETRIC SILVER PARTICLES

(51) International classification :H01B1/22,B22F9/24,C09D11/00
(31) Priority Document No :1020556.5
(32) Priority Date :06/12/2010
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2011/063459
Filing Date :06/12/2011
(87) International Publication No :WO 2012/078590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SHTER BAR JOSHUA Ganit
3)MELAMED Semyon
4)GEVA Reuven
5)LINK Moshe

(57) Abstract :
A concentrated dispersion of nanometric silver particles and a method of producing the dispersion the dispersion including a first solvent; a plurality of nanometric silver particles in which a majority are single crystal silver particles the plurality of nanometric silver particles having an average secondary particle size (d) within a range of 30 to 300 nanometers the particles disposed within the solvent; and at least one dispersant; wherein a concentration of the silver particles within the dispersion is within a range of 30% to 75% by weight and wherein a concentration of the dispersant is within a range of 0.2% to 30% of the concentration of the silver particles by weight.

No. of Pages : 42 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8143/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TRACKING BRAIN DEFORMATION DURING NEUROSURGERY

(51) International classification :G06T7/00
(31) Priority Document No :11158830.7
(32) Priority Date :18/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/050971
Filing Date :01/03/2012
(87) International Publication No :WO 2012/127345
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RUIJTERS Dani«l Simon Anna
2)BABIC Drazenko

(57) Abstract :
The present invention relates to the determination of brain deformation. The invention relates in particular to a device for trackingbrain deformation an imaging system for trackingbraindeformation amethodfor trackingbraindeformation amethod of operating a device for tracking brain deformation as well as to a computer program element and a computer readable medium. For providing enhanced information about the brain deformation a first 3D representation (112) of a cerebrovascular vessel structure of a region of interest of an objectis provided (110) and (114) a second 3D representation (116) of the cerebrovascular vessel structure. Then at least a part of the first 3D representation is elastically three dimensionally registered(118) with at least a part of the second 3D representation. A deformation field (122) of the cerebrovascular vessel structure is determined (120) based on the elastic registration. The determined vessel deformation is applied (124) to a brain structure representation to determine a deformation (126) of the cerebral structure.For example planning data (130) for an intervention of the cerebral structure is provided (132) and the determined deformation of the cerebral structure is applied (134) to the planning data to generate deformation adjusted planning data (136).

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8145/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH POROSITY ACOUSTIC BACKING WITH HIGH THERMAL CONDUCTIVITY FOR ULTRASOUND TRANSDUCER ARRAY

(51) International classification :B06B1/06,G10K11/00,A61B8/00
(31) Priority Document No :61/453690
(32) Priority Date :17/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051208
Filing Date :14/03/2012
(87) International Publication No :WO 2012/123908
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUDOL Wojtek
2)WICKLINE Kevin Grayson
3)YU Yongjian
4)KNOWLES Heather Beck
5)PAOLINO James
6)DAVIDSEN Richard Edward

(57) Abstract :
A backing block for an ultrasonic transducer array stack of an ultrasound probe is formed as a composite structure of graphite foam impregnated with an epoxy resin. The epoxy resin penetrates the porous foam structure at least part way into the depth of the graphite foam block and when cured provides the backing block with good structural stability. The composite graphite foam backing block is bonded to the integrated circuit of a transducer to provide high thermal conductivity away from the transducer and good acoustic attenuation or scattering of rearward acoustic reverberations.

No. of Pages : 20 No. of Claims : 15

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

(21) Application No.8034/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MONITORING THE DIPOLE MOMENT VECTOR OF AN AIRBORNE ELECTROMAGNETIC SURVEY SYSTEM

(51) International classification :G01V3/165
(31) Priority Document No :61/449868
(32) Priority Date :07/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050136
Filing Date :07/03/2012
(87) International Publication No :WO 2012/119254
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DODDS Jack

(57) Abstract :
An airborne electromagnetic survey system that monitors the dipole moment. A TDEM system includes a flexible transmitter loop and a receiver having three sensors with mutually perpendicular sensitive axes. In flight mechanical and aerodynamic forces cause the transmitter loop to tilt and flex which affects the direction and magnitude of the primary field dipole moment. The processing system measures the sign and amplitude of the primary field sensed by the receiver in each of its sensitive axes and calculates a vector which represents the orientation of the primary field in the receiver frame of reference at the receiver location. Using this vector the processing system determines the orientation of the primary field dipole moment.

No. of Pages : 36 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8183/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GENETIC ENGINEERING METHOD AND MATERIAL FOR INCREASING PLANT YIELD

(51) International classification	:C12N15/29,C07K14/415,C12N15/82
(31) Priority Document No	:201110081766.3
(32) Priority Date	:31/03/2011
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2012/073393 :31/03/2012
(87) International Publication No	:WO 2012/130174
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)XU Bing
3)LIN Zhiping
4)WANG Lingjian
5)SHANGGUAN Xiaoxia
6)SHAN Chunmin

(57) Abstract :
Provided are a genetic engineering method and material for increasing plant yield. Up regulation of the EXPA1 gene or the activity of EXPA1 polypeptide or co expression of the GhRDL1 and GhEXPA1 genes can improve plant properties and are of value in crop and flower production.

No. of Pages : 57 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8184/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTAKE AND INJECTION DEVICE SYSTEM AND INTERNAL COMBUSTION ENGINE

(51) International classification :F02M35/10,F02M35/108,F02B31/08
(31) Priority Document No :10 2011 007 367.1
(32) Priority Date :14/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/054254
Filing Date :12/03/2012
(87) International Publication No :WO 2012/139836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)POSSELT Andreas
2)LORENZ Marko
3)GUTSCHER Andreas

(57) Abstract :
Proposed is an intake and injection device (1) for a combustion system (1) in particular of a motorcycle having an injection valve arrangement (3) which is arranged in an intake pipe (9) leading to a combustion chamber (2) of the internal combustion engine wherein the injection valve arrangement is designed to inject fuel (4) both in the direction of a first inlet opening (20) of the combustion chamber and also in the direction of a second inlet opening of the combustion chamber wherein the intake and injection device furthermore has a throttle flap (30) which is arranged in the intake pipe and which is pivotable about an axis of rotation (31) and wherein the intake and injection device is designed such that the axis of rotation runs substantially parallel to an intermediate plane (100) which extends centrally through the intake pipe between the first and second inlet openings (10 20).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8185/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A COMPUTATION SAVING ECHO CANCELLER FOR A WIDE BAND AUDIO SIGNAL

(51) International classification :H04B3/23,H04M9/08
(31) Priority Document No :11305441.5
(32) Priority Date :14/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/050374
Filing Date :11/01/2012
(87) International Publication No :WO 2012/139780
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PINIER Fran§ois

(57) Abstract :
A wide band echo canceller (EC2) comprising: means (SP1) for splitting a signal (TXi) transmitted from a near end terminal to a far end terminal into a sub sampled signal (TH) corresponding to a higher frequency sub band of the signal (TXi) transmitted to the far end terminal and a sub sampled signal (TL) corresponding to a lower frequency sub band of the signal (TXi) transmitted to the far end terminal means (SP2) for splitting a signal (RXi) received from a far end terminal into a sub sampled signal (RH) corresponding to a higher frequency sub band of the signal (RXi) received from the far end terminal and a sub sampled signal (RL) corresponding to a lower frequency sub band of the signal (RXi) received from the far end terminal a first adaptive filter (AL) for filtering the sub sampled signal (TL) corresponding to the lower frequency sub band a second adaptive filter (AH) for filtering the sub sampled signal (TH) corresponding to the higher frequency sub band subtracting means (SL SH) controlling the adaptive filters (AL AH) means (MX) for mixing two process corrected signals (CRL CRH) and up sampling the resulting signal control means (CTR STL STH) that control the adaptation of the first adaptive filter (AL) and the adaptation of the second adaptive filter (HL) so that these two adaptations are never simultaneous.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/03/2013

(21) Application No.2467/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : 4 { [(PYRIDIN 3 YL METHYL) AMINOCARBONYL] AMINO} BENZENE SULFONE DERIVATIVES AS NAMPT INHIBITORS FOR THERAPY OF DISEASES SUCH AS CANCER

(51) International classification	:C07D213/54,C07D213/74,C07D213/75
(31) Priority Document No	:61/379819
(32) Priority Date	:03/09/2010
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2011/050320 :02/09/2011
(87) International Publication No	:WO 2012/031196
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)CLODFELTER Karl H.
5)HAN Bingsong
6)LIN Jian
7)REYNOLDS Dominic J.
8)SMITH Chase C.
9)WANG Zhongguo
10)ZHENG Xiaozhang
11)YUEN Po Wai

(57) Abstract :
The present invention relates to compounds and compositions for the inhibition of NAMPT their synthesis applications and antidotes. An embodiment of the invention is the provision of a compound of Formula IIIA.

No. of Pages : 304 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3087/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REFERENCE MODE SELECTION IN INTRA MODE CODING

(51) International classification :H04N7/26
(31) Priority Document No :61/561819
(32) Priority Date :18/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065532
Filing Date :16/11/2012
(87) International Publication No :WO 2013/074935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)COBAN Muhammed Zeyd
3)KARCZEWICZ Marta

(57) Abstract :
A video coder can determine a first most probable intra prediction mode and a second most probable intra prediction mode for a current video block and based on the first and second most probable intra prediction modes determine an estimate of an actual intra prediction mode used to code the current video block. The estimate of the actual intra prediction mode can be determined by selecting one of the first most probable mode and the second most probable mode as the estimate of the actual intra prediction in response to both the first most probable mode and the second most probable mode being different angular prediction modes. The estimate of the actual intra prediction mode plus difference information can be used to identify the actual intra prediction mode used to code the current video block.

No. of Pages : 53 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3088/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ENHANCED LIGHTING NETWORK TO SERVE MOBILE CELLULAR USERS AND METHOD OF OPERATION THEREOF

(51) International classification :H05B37/02
(31) Priority Document No :61/553436
(32) Priority Date :31/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/056022
Filing Date :30/10/2012
(87) International Publication No :WO 2013/064979
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CAVALCANTI Dave Alberto Tavares
3)ZHAI Hongqiang
4)CHALLAPALI Kiran Srinivas

(57) Abstract :
A method to control a lighting network having a plurality of light units the method may be controlled by a lighting operator which may obtain information related to service availability for each of the light units; map the information related to service availability for each of the light units to form a service availability information map comprising attribute information of each of the light units; determine one or more of service policies service schedules and operational parameters for each of the plurality of light units for a service time period; and/or provide cellular communication service to one or more cellular stations in a service area of the light units in accordance with one or more of the determined service policies service schedules and operational parameters for the service time period.

No. of Pages : 47 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3089/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A DEVICE AND METHOD FOR PROCESSING HEART SOUNDS FOR AUSCULTATION

(51) International classification :A61B7/04
(31) Priority Document No :3689/CHE/2011
(32) Priority Date :28/10/2011
(33) Name of priority country :India
(86) International Application No :PCT/IB2012/055723
Filing Date :19/10/2012
(87) International Publication No :WO 2013/061221
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MITTAL Chetan

(57) Abstract :
A device for independently and controllably amplifying components of the heart sound signals without removing any component of the signal by filtering. With such a device all the signal components that carry information are still available and can be useful to a user. Filtering may however be applied to very high frequency signals compared to the signal of interest that are totally unrelated to the heart sounds.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8193/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTENT PROCESSING METHOD DEVICE AND SYSTEM

(51) International classification :H04L29/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2011/077511
Filing Date :22/07/2011
(87) International Publication No :WO 2012/106918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ZHOU Hong
3)ZOU Rong
4)ZHAO Yuping

(57) Abstract :
The present invention relates to a content processing method device and system. The method includes: receiving a content acquisition request sent by a terminal and determining a first storage node list storing a first content corresponding to the content acquisition request according to the mapping relationship between the pre acquired content and a storage node wherein the first storage node list includes a plurality of first storage nodes; sending an ordering request to a network storage management server and receiving the ordering result sent by the network storage management server wherein the ordering result includes the priorities of the plurality of first storage nodes; and sending a content acquisition response to the terminal wherein the content acquisition response includes first access information and the priority of at least one of the first storage nodes. The present invention lightens the bandwidth pressure of a backbone network and reduces the upgrade and maintenance costs of the storage nodes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2013

(21) Application No.5624/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A MULTILEVEL CONVERTER

(51) International classification :h03m
(31) Priority Document No :13/719,259
(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

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(72)**Name of Inventor :**
1)SCHROEDER, STEFAN
2)SOUA, SAMIR
3)SHEN, JIE

(57) Abstract :
A power converter is presented. The power converter includes at least one leg operatively coupled between a first bus and a second bus and includes a first string including a plurality of non-controllable semiconductor switches, a first node, a second node, and a third node, where the first node is coupled to a third bus, one or more second strings, where each of the one or more second strings includes at least one fully controllable semiconductor switch, and where one of the second strings is coupled between the first node and the third bus and another second string is coupled between the second node and the third node, and one or more third strings, where each of the one or more third strings includes at least one energy storage device and is coupled to the first string, the one or more second strings, or a combination thereof.

No. of Pages : 50 No. of Claims : 23

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

(21) Application No.8218/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A WIND TURBINE BLADE COMPRISING METAL FIBRES AND A TRANSITION REGION

(51) International classification :F01D5/28,F03D1/06
(31) Priority Document No :11161889.8
(32) Priority Date :11/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056521
Filing Date :11/04/2012
(87) International Publication No :WO 2012/140041
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MORTENSEN Bjarne Krab
3)HORNBLOW Benjamin

(57) Abstract :
A wind turbine blade 2 for a rotor has a longitudinal direction extending from a root region 26 to a blade region. The wind turbine blade 2 is formed of a fibre reinforced polymer material comprising a polymer matrix and a first and a second reinforcement fibre material being embedded in the polymer matrix. The wind turbine blade further comprises a first region being reinforced predominantly with the first reinforcement fibre material a second region being reinforced predominantly with the second reinforcement fibre material and a transition region between the first and the second region. The first region extends in the root region 26 and the first reinforcement fibre material is a metal.

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

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

(21) Application No.8220/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A WIND TURBINE BLADE COMPRISING RESISTIVE HEATING MEANS

(51) International classification :F03D1/06,F03D11/00
(31) Priority Document No :11161904.5
(32) Priority Date :11/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056547
Filing Date :11/04/2012
(87) International Publication No :WO 2012/140058
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HORNBLOW Benjamin

(57) Abstract :
A wind turbine blade 2 comprises a profiled contour including a leading edge 34 and a trailing edge 33 as well as a pressure side and a suction side. The profiled contour is formed by a first shell part 10 and a second shell part 15 being bonded together in a bonding region between the first and the second shell part by a curable bonding means 40. The first and the second shell part 10; 15 are formed in a fibre reinforced polymer. The wind turbine blade further comprises resistive heating means 50 being arranged in thermal connection with the bonding means 40 such that the resistive heating means 50 supplies heat for curing of the curable bonding means 40 during assembling of the wind turbine blade.

No. of Pages : 27 No. of Claims : 15

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

(21) Application No.8221/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESSING DEVICE AND CONTROL METHOD FOR SAME

(51) International classification :H04B1/16,G06F1/26,G06F1/28
(31) Priority Document No :2011057427
(32) Priority Date :16/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/051734
Filing Date :20/01/2012
(87) International Publication No :WO 2012/124382
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ONO Tomohiro

(57) Abstract :
This control method for a processing device which is provided with a plurality of function blocks and a plurality of receiving units periodically detects or predicts the total amount of received power supplied to the plurality of receiving units acquires total received power information representing the total amount of the received power and on the basis of the total received power information selectively controls the supply of the total received power which has been supplied to the plurality of receiving units to the plurality of function blocks.

No. of Pages : 26 No. of Claims : 14

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

(21) Application No.8223/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TWO INTO TWO OR ONE HYBRID POWER DEVICE FOR A MARINE VEHICLE

(51) International classification :B63H23/10,B63H21/21,B63H21/14
(31) Priority Document No :13/081282
(32) Priority Date :06/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032384
Filing Date :05/04/2012
(87) International Publication No :WO 2013/106022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ROLLA Philip

(57) Abstract :
A hybrid power device for a marine vehicle is provided that has two hybrid prime movers an electric motor and a combustion engine that distribute power for example torque to a single or dual propulsor such as surface drives with propellers. The prime movers can apply power singly or in unison but maintain substantially optimum propulsive efficiency in all cases. The power outputs of the prime movers are in communication with a power transmitting device such as a gear box that may combine the power outputs to drive a single propulsor or may have a power splitting embodiment driving dual propulsors. In addition multiple hybrid power devices may be deployed in other embodiments.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2013

(21) Application No.8075/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INSULATING VARNISH AND INSULATED ELECTRICAL WIRE USING SAME

(51) International classification :C09D201/00,C09D5/25,C09D179/08
(31) Priority Document No :2011250532
(32) Priority Date :16/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078606
Filing Date :05/11/2012
(87) International Publication No :WO 2013/073397
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)HATANAKA Yuji
5)IMAI Junichi
6)SUGAWARA Jun
7)SHIMIZU Toru
8)SAITO Hideaki
9)FURUYA Yuudai

(57) Abstract :
Provided is an insulating varnish that easily forms an insulating coating film having a shape that is in accordance with the shape of the opening of dies namely an insulating coating having a uniform thickness. The insulating varnish forms an insulating coating film at a conductor surface by means of being applied to the conductor surface then excess applied insulating varnish is removed by means of the passage through dies and next drying and baking wherein the viscosity at 30°C as measured by a type B viscometer is at least 10 Pa·s. Preferably a filler is not contained and preferably the present invention is a polyimide precursor solution. Due to being highly viscous baking and hardening is possible while holding the shape from the time of passage through dies and it is possible to form an insulating coating film having a shape that is in accordance with the shape of the opening of the dies.

No. of Pages : 19 No. of Claims : 6

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

(21) Application No.8234/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THERMAL INTERFACE PAD MATERIAL WITH PERFORATED LINER

(51) International classification :H01L23/433,F21V29/00
(31) Priority Document No :11159691.2
(32) Priority Date :25/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051244
Filing Date :15/03/2012
(87) International Publication No :WO 2012/131519
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FLESKENS Bas
2)DE JONG Lambertus Adrianus Marinus

(57) Abstract :
This invention relates to a thermal interface device (206) arranged to provide a thermal coupling interface between a heat generating unit (202) and a heat removing unit(204) comprising a liner layer (210) which has opposite first and second surfaces (218 220) at least the first surface being a slide surface and which is provided with multiple perforations (212); and a thermal connection layer (208) which is engaged with the liner layer at the second surface (220) thereof and which is one of elastically and inelastically deformable. The thermal interface device has an idle state where the perforations are open and an active state where the perforations are filled with a part of the thermal connection layer. The thermal connection layer is arranged to be deformed by the thermal interface device being subjected to a compression force exceeding a deformation threshold and thereby to fill the perforations.

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

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

(21) Application No.8236/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTI ZONE LIGHT CONTROLLER

(51) International classification :H05B37/02
(31) Priority Document No :11159499.0
(32) Priority Date :24/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051311
Filing Date :19/03/2012
(87) International Publication No :WO 2012/127408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)ZNAMENSKIY Dmitry Nikolayevich
2)ABBO Anteneh Alemu

(57) Abstract :
The present invention relates to a light controller (102) configured to control a lighting system (100) for emitting light comprising an image sensor (202) configured to capture an image of an activity area and a control unit (200) configured to received the image to detecting movement within the activity area and to provide an activation signal for switching on a light source (104 106 108 110) of the lighting system (100) wherein the control unit (200) is further configured to provide a deactivation signal for switching off the light source (104 106 108 110) after a computed time period if no movement is detected within the activity area the computed time period being based on a computed distance between a predetermined position within the activity area and a position of the latest detected movement within the activity area. The present invention provides advantages in relation to e.g. optimized on time of the light source of the lighting system thereby providing an improvement in relation to the total energy consumption of the lighting system.

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

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

(21) Application No.8237/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REDUCTION OF PEAK ELECTRICAL POWER CONSUMPTION IN MAGNETIC RESONANCE IMAGING SYSTEMS

(51) International classification :G01R33/385
(31) Priority Document No :11159498.2
(32) Priority Date :24/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051392
Filing Date :23/03/2012
(87) International Publication No :WO 2012/127450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VAN HELVOORT Marinus Johannes Adrianus Maria

(57) Abstract :
A magnetic resonance imaging system (402 500) with magnetic field gradient coils (516) and a gradient coil power supply (320 424 518). The magnetic resonance imaging system further comprises a processor (540) and a chiller (308 526) for providing the coolant to the gradient coils. The magnetic resonance imaging system further comprises a memory (546) for storing machine executable instructions (580 582 584 586 588 590 592). The instructions cause the processor to receive (100 200) a pulse sequence (550) to generate (102 202) the chiller control signals using the pulse sequence and a chiller thermal model (582) of the gradient coils and the coolant reservoir and to send (104 206) the chiller control signals to the chiller. The chiller control signals cause the chiller to halt chilling at least a portion of the time when the gradient coil power supply supplies current to the magnetic field gradient coils.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/01/2014

(21) Application No.339/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BTK INHIBITORS

(51) International classification :C07D497/02,A61K31/437,A61K31/4985
(31) Priority Document No :61/509446
(32) Priority Date :19/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CN2012/000971
Filing Date :19/07/2012
(87) International Publication No :WO 2013/010380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)KAPTEIN Allard
5)OUBRIE Arthur
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7)JANS Christiaan G.J.M.
8)WIJKMANS Jacobus C.H.M
9)BARF Tjeerd A.
10)COOPER Alan B.
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18)LIU Shilan
19)YANG Chundao
20)ALHASSAN Abdul Basit
21)WANG James
22)YU Younong
23)LIU Jian
24)VACCARO Henry M.

(57) Abstract :
Provided are 6 5 membered fused pyridine ring compounds according to Formula (I) or pharmaceutically acceptable salts thereof pharmaceutical compositions comprising these compounds and their use in therapy. In particular provided is the use of 6 5 membered fused pyridine ring compounds in the treatment of Bruton s Tyrosine Kinase (Btk) mediated disorders.

No. of Pages : 471 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.6707/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROCESSING A CYCLIC PHYSIOLOGICAL SIGNAL

(51) International classification :A61B5/113,A61B5/0205,A61B5/024
(31) Priority Document No :10153489.9
(32) Priority Date :12/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050510
Filing Date :07/02/2011
(87) International Publication No :WO 2011/098942
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DURIC Haris
3)MORREN Geert Guy Georges
4)FOKKENROOD Steven Antonie Willem
5)MUHLSTEFF Jens

(57) Abstract :
The invention relates to a method and apparatus for processing a cyclic physiological signal (30 40 52 53 54). The method comprises the steps of repeatedly collecting (2) the physiological signal (30 40 52 53 54) over a time period (31 32 33) covering two or more cycles of the cyclic physiological signal (30 40 52 53 54) wherein a next time period (31 32 33) is adjacent to or overlaps with a previous time period (31 32 33) extracting values (3 13) of a set of predefined parameters from the physiological signal (30 40 52 53 54) within each time period (31 32 33) which parameter values characterize the physiological signal (30 40 52 53 54) within the time period (31 32 33) and classifying (4 14) the physiological signal (30 40 52 53 54)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.6710/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OPTICAL HYPERPOLARISATION

(51) International classification :G01R33/28
(31) Priority Document No :10153668.8
(32) Priority Date :16/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050480
Filing Date :04/02/2011
(87) International Publication No :WO 2011/101765
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VAN DEN BRINK Johan Samuel

(57) Abstract :
A dispenser is provided for producing a nuclear hyperpolarised contrast agent. The dispenser comprises a chamber to receive a compound. A photonic hyperpolarisation system generates an OAM -photonic beam endowed with orbital angular momentum and is arranged to direct the OAM -photonic beam into the chamber so as to generate nuclear hyperpolarisation in the compound. The chamber has an output over which the hyperpolarised compound can be issued. Since the hyperpolarisation is generated ex-vivo the penetration depth of the OAM-photonic beam in biological tissue is irrelevant for the present invention.

No. of Pages : 17 No. of Claims : 10

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

(21) Application No.8247/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : UNIVERSAL AED TRAINING ADAPTER

(51) International classification :A61N1/39,G09B9/00,G09B23/28
(31) Priority Document No :61/466315
(32) Priority Date :22/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/050923
Filing Date :28/02/2012
(87) International Publication No :WO 2012/127340
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OCHS Dennis E.

(57) Abstract :
A training adapter (28) for an automated external defibrillator (AED) (10) which provides for safe training use of any AED. The training adapter includes a circuit which ensures that any defibrillation voltage/current is shunted away from the trainee training electrodes(26) and patient simulation equipment. The training adapter simultaneously provides to the AED a simulated patient ECG signal which causes the AED to operate as if an actual cardiac rescue were occurring thus heightening the realism of the training experience.

No. of Pages : 18 No. of Claims : 20

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

(21) Application No.8248/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PERFORMING MOLECULAR REACTIONS BY USING IMMISCIBLE INTERMEDIATE FLUIDS

(51) International classification :B01L3/00,C12Q1/68,B01J19/00
(31) Priority Document No :11159123.6
(32) Priority Date :22/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051319
Filing Date :20/03/2012
(87) International Publication No :WO 2012/127413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SERVOLI Eva

(57) Abstract :
The present invention relates to a method for performing molecular reactions in a device comprising the steps of (a) introducing one or more reagent solution(s) and an immiscible intermediate fluid into the device wherein the device comprises a substrate on which chemically or biochemically recognizable entities are immobilized; (b) performing molecular reactions between the immobilized chemically or biochemically recognizable entities and the reagent solution(s); or on the immobilized chemically or biochemically recognizable entities in the presence of the reagent solution(s); (c) displacing the reagent solution(s) present on the substrate by the immiscible intermediate fluid; (d) separating the immiscible intermediate fluid and the reagent solution(s); and reusing the reagent solution(s) and/or immiscible intermediate fluid for one or more repetitions of steps (a) to (e). The invention further relates to a device for performing a molecular reaction comprising a reaction zone reservoirs and liquid connections and a collection and regeneration zone wherein the immiscible intermediate fluid and the reagent solution(s) are separable by gravitational separation; or a redirection and distribution module wherein the immiscible intermediate fluid and reagent solution(s) are separated. The invention also relates to the use of an immiscible intermediate fluid for displacing a reagent solution present in a reaction zone in a microfluidic device as well as the use of a corresponding device for performing a sequencing reaction or a nucleic acid synthesis reaction.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2014

(21) Application No.6205/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTEXT BASED SEARCH QUERY FORMATION

(51) International classification :G06F17/30,G06F17/20,G06F3/048
(31) Priority Document No :13/408853
(32) Priority Date :29/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/024247
Filing Date :01/02/2013
(87) International Publication No :WO 2013/130215
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)NI Xiaochuan
5)SUN Jian Tao
6)ZHANG Zhimin

(57) Abstract :
Searching is assisted by recognizing a selection of text from a document as an indication that a user wishes to initiate a search based on the selected text. The user is provided with query suggestions based on the selected text and the query suggestions are ranked based on a context provided by the document. The user may select the text by using a mouse drawing a circle around the text on a touch screen or by other input techniques. The query suggestions may be based on query reformulation or query expansion techniques applied to the selected text. Context provided by the document is used by a language model and/or an artificial intelligence system to rank the query suggestions in predicted order of relevance based on the selected text and the context.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2014

(21) Application No.647/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MODULE FOR A BRAKING SYSTEM SUCH AS A COIL BOX MODULE COMPRISING A HOUSING AND A CONNECTOR

(51) International classification :B60T8/32,B60T17/02,F15B13/08
(31) Priority Document No :11005395.6
(32) Priority Date :01/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/062123
Filing Date :22/06/2012
(87) International Publication No :WO 2013/004521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DEPOORTERE Bjorn
4)COLPAERT Bart
5)VAN CAUWENBERGE Jan
6)VANWYNSBERGHE Koen
7)DE SCHEPPER Tom

(57) Abstract :
The present invention relates to a braking system module (1) such as an coilbox (2) comprising a housing (3) and a connector (6). The connector comprises a connector body (7) and contact elements (8) defining a connection interface (9) for electrically connecting the braking module (1) with a plug connector. The present invention provide an braking module that is easy to produce and optimize in that the housing (3) comprises an anchorage organ (10) for mounting the connector (6) to the housing (3).

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2012

(21) Application No.6599/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHOD FOR DETECTING MAGNETIC PARTICLES

(51) International classification :A61B5/055,A61B8/00
(31) Priority Document No :10152906.3
(32) Priority Date :08/02/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/050410
Filing Date :31/01/2011
(87) International Publication No :WO/2011/095924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WEIZENECKER Juergen

(57) Abstract :
The present invention relates to an apparatus and a method for detecting magnetic particles in a field of view (28). More specifically the present invention relates to the field of magnetic particle imaging (MPI). The method and arrangement according to the present invention use an acoustic MPI detection technique which detects acoustic emissions of a magnetic tracer material in an MPI setup. The apparatus according to the present invention therefore comprises an acoustic signal receiver (160) for acquiring acoustic detection signals which detection signals depend on the magnetization in the field of view (28) which magnetization is influenced by the change in the position in space of the first and second sub-zone (52 54).

No. of Pages : 33 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2012

(21) Application No.6711/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SPARSE DATA RECONSTRUCTION FOR GATED X-RAY CT IMAGING

(51) International classification :G06T11/00
(31) Priority Document No :61/306567
(32) Priority Date :22/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/050136
Filing Date :12/01/2011
(87) International Publication No :WO 2011/101752
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SHAO Lingxiong

(57) Abstract :
When imaging a compact structure such as a calcium deposit in a patients heart a slow scan (e.g. less than approximately 6 rpm) CT data acquisition is performed wherein data is continuously but sparsely acquired during around a 360° revolution around the patient. Arc segments are defined that equate to one heart cycle (e.g. heartbeat) given the patients heart rate and the speed of the CT gantry. Electrocardiogram signal data is used to identify sets of acquired projection data that correspond to each of a plurality of heart cycle phases during which the heart is relatively still. A sparse reconstruction algorithm is executed on the identified sets of sparse projection data to generate images for each heart cycle phase from the scan data acquired for that phase across all heart cycles.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2013

(21) Application No.8261/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD RELATED TRAITS AND METHOD FOR MAKING THE SAME

(51) International classification :A01H1/00,A01H5/00,C12N15/29
(31) Priority Document No :61/478067
(32) Priority Date :22/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051938
Filing Date :18/04/2012
(87) International Publication No :WO 2012/143865
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :67056 Ludwigshafen Germany
2)BASF (CHINA) COMPANY LIMITED
(72)**Name of Inventor :**
1)SANZ MOLINERO Ana Isabel
2)FRANKARD Valerie
3)VANDENABEELE Steven

(57) Abstract :
Provided is a method for enhancing yield related traits in plants by modulating expression of a nucleic acid encoding a bZIP like polypeptide or a BCAT4 like polypeptide in a plant. Also provided are plants having modulated expression of a nucleic acid encoding a bZIP like polypeptide or a BCAT4 like polypeptide which plants have enhanced yield related traits compared with control plants. Also provided are constructs comprising bZIP like polypeptide encoding nucleic acids or BCAT4 like polypeptide encoding nucleic acids useful in enhancing yield related traits in plants.

No. of Pages : 138 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8129/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOLUTION COMPRISING ORGANOFUNCTIONAL ALKALINE SILICONATES SILICATES AND METHOD FOR THE PRODUCTION THEREOF

(51) International classification :C07F7/18,C09K3/18,B01J19/18
(31) Priority Document No :10 2011 007 137.7
(32) Priority Date :11/04/2011
(33) Name of priority country :Germany
(86) International Application No:PCT/EP2012/053263
Filing Date :27/02/2012
(87) International Publication No :WO 2012/139803
(61) 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)FRIEDEL Manuel
2)LJESIC Spomenko
3)WASSMER Christian
4)Z–LITZ Susanne

(57) Abstract :
The invention relates to a method for producing a solution comprising organofunctional siliconates silicates and optionally the cocondensation products thereof and to the solutions and an installation for the production thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8130/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF MANUFACTURING A KNITTED COMPONENT

(51) International classification :D04B15/56,D04B1/12
(31) Priority Document No :13/048540
(32) Priority Date :15/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028576
Filing Date :09/03/2012
(87) International Publication No :WO 2012/125490
(61) 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)HUFFA Bruce
2)DUA Bhupesh

(57) Abstract :
An article of footwear and a variety of other products may incorporate a knitted component. An inlaid strand extends through the knitted component A combination feeder may be utilized to inlay the strand within the knitted component. As an example the combination feeder may include a feeder arm that reciprocates between a retracted position and an extended position in manufacturing the knitted component the feeder inlays the strand when the feeder arm is in the extended position and the strand is absent from the knitted component when the feeder arm is in the retracted position.

No. of Pages : 96 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8131/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMBINATION FEEDER FOR A KNITTING MACHINE

(51) International classification :D04B15/56,D04B1/12
(31) Priority Document No :13/048527
(32) Priority Date :15/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028559
Filing Date :09/03/2012
(87) International Publication No :WO 2012/125483
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :One Bowerman Drive Beaverton OR 97005 6453 U.S.A.
(72)**Name of Inventor :**
1)HUFFA Bruce

(57) Abstract :
A knitted component may incorporate an inlaid strand. A combination feeder may be utilized to inlay the strand within the knitted component. As an example the combination feeder may include a feeder arm that reciprocates between a retracted position and an extended position. In manufacturing the knitted component the feeder inlays the strand when the feeder arm is in the extended position and the strand is absent from the knitted component when the feeder arm is in the retracted position.

No. of Pages : 92 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8135/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A BREAST PUMP

(51) International classification :A61M1/06
(31) Priority Document No :11158958.6
(32) Priority Date :21/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051305
Filing Date :19/03/2012
(87) International Publication No :WO 2012/127405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)DARNELL Ian Philip
2)COOK Graham Trevor

(57) Abstract :
The present invention relates to a breast pump operable to generate a negative pressure comprising a funnel (24) for receiving a breast of a user. The breast pump (24) has an insert (50 70) receivable in the funnel (24) having a deformable region (59a 59e) which forms a chamber between the insert (50 70) and the funnel (24) when the insert (50 70) is received in the funnel (24). A passageway (37) connecting the chamber to the source of negative pressure is formed in the funnel (24) so that during use the deformable region (59a 59e) is deformed and/or deflected relative to the breast of a user in response to a negative pressure in the chamber.

No. of Pages : 23 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2013

(21) Application No.8300/CHENP/2013 A
(43) Publication Date : 12/12/2014

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

(51) International classification :H04L12/66,H04L12/46,H04L12/56
(31) Priority Document No :2011074627
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058336
Filing Date :29/03/2012
(87) International Publication No :WO 2012/133635
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC Corporation
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(72)**Name of Inventor :**
1)YAMAUCHI Toshiro

(57) Abstract :
In the present invention when detecting an interruption partway along a pathway of communication information received from one communication network and relaying the communication information received from the one communication network to another communication network information of the interruption detected in the communication information received from the one communication network is stored in the header of the communication information output to the other communication network and is output to the other communication network.

No. of Pages : 29 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2013

(21) Application No.8301/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FAULT MONITORING DEVICE HAVING RADIO MAINTENANCE COMMUNICATION FUNCTION AND FAULT MONITORING METHOD

(51) International classification :H04M3/00,H04M11/00
(31) Priority Document No :2011073804
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057914
Filing Date :27/03/2012
(87) International Publication No :WO 2012/133395
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)OGAWA Takatoshi
2)MIYAMOTO Hiroaki

(57) Abstract :
An outdoor fault monitoring device performs radio maintenance communication with a maintenance terminal located at a remote location and a fault monitoring function unit monitors for faults in the primary function unit of the device. When a fault is detected the fault monitoring function unit activates a radio maintenance function unit. When no faults have occurred the fault monitoring function unit disables the radio maintenance communication function unit. In this case the fault monitoring function unit may be configured so as to detect the disconnection of radio maintenance communication and disable the radio maintenance communication function unit. As a result security against communication interference and the like by malicious third parties can be improved. Further as no unnecessary radio communication is performed suppressed power consumption and reduced processing load are achieved.

No. of Pages : 26 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8138/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DYNAMIC NORMALIZATION OF DATA FOR PERFUSION COMPARISON AND QUANTIFICATION

(51) International classification :G06T5/50,G06T7/00
(31) Priority Document No :11305304.5
(32) Priority Date :18/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/050921
Filing Date :28/02/2012
(87) International Publication No :WO 2012/127339
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)FLORENT Raoul
2)DUFOUR Ccile
3)AUVRAY Vincent
4)BONNEFOUS Odile

(57) Abstract :
The invention relates to x ray imaging technology as well as image post processing. Particularly the present invention relates to post processing of perfusion image data acquired by an x ray imaging apparatus by absolutely or relatively normalizing perfusion image data to allow a preferred comparison of the image data both with regard to different acquisitions as well as different patients. To allow normalization of perfusion image data it may be desirable to know the amount of contrast agent injected which remains in a coronary. Subsequently image parameters may be adapted or normalized based on the known amount of contrast agent within the coronary for normalization of perfusion image data. To obtain a precise amount of injected contrast agent the injected volume of contrast agent flowing through a defined region or section of a vessel may be estimated. Said injected volume of contrast agent may thus be deduced from the estimation of the total volume flow at this location. Accordingly a method (10) is provided for dynamic normalization of data for perfusion comparison and quantification comprising the steps of determining (20) a total volume flow or an amount of a contrast agent in a blood vessel and normalizing (34) perfusion data based on the determined total volume flow or amount of contrast agent.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8304/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PARTICLE SIZE EVALUATION METHOD AND PARTICLE SIZE EVALUATION DEVICE

(51) International classification :G01N15/02
(31) Priority Document No :2011082029
(32) Priority Date :01/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058630
Filing Date :30/03/2012
(87) International Publication No :WO 2012/137686
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AKAHANE Junji
2)TAKEYAMA Kazuhiro

(57) Abstract :
This particle size evaluation method is a method for evaluating the particle size of fine particles (102a) contained in liquid to be measured (101a) including: allowing a light emitting unit (106) to irradiate the liquid to be measured (101a) in a measurement cell (103) with irradiation light (107); allowing a light receiving unit (109) to receive transmitted light (108) transmitted through the measurement cell (103) in the irradiation light (107) and to convert the transmitted light (108) to an electrical signal; allowing a control unit (104) to calculate the light transmittance of the liquid to be measured (101a) on the basis of the electrical signal output from the light receiving unit (109); and obtaining the particle size of the fine particles corresponding to the light transmittance by comparing the calculated light transmittance with a database (105a).

No. of Pages : 61 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8306/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MANAGING RESERVED CELLS AND USER EQUIPMENTS IN AN MBSFN ENVIRONMENT WITHIN A WIRELESS COMMUNICATION SYSTEM

(51) International classification	:H04W52/52,H04W72/08,H04W52/24
(31) Priority Document No	:61/482910
(32) Priority Date	:05/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/036087 :02/05/2012
(87) International Publication No	:WO 2012/151256
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHANG Xiaoxia
2)WANG Jun
3)MOTAMED Mariam

(57) Abstract :
In a first configuration an apparatus determines subframes in a radio frame used by one or more neighboring BSs for providing services and sends information to a UE indicating the determined subframes. In a second configuration an apparatus determines subframes in a radio frame used by one or more neighboring BSs for providing services transmits with a first power in remaining subframes other than the determined subframes in the radio frame determines a second power based on the first power such that a difference between the second power and the first power is less than a threshold and transmits with the second power in a subset of symbols in the determined subframes. In a third configuration an apparatus receives information from a BS indicating subframes in a radio frame used by one or more neighboring BSs for providing services and adjusts an AGC gain based on the indicated subframes.

No. of Pages : 65 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2013

(21) Application No.2524/CHE/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A COMPOSITION FOR MAKING OATS IDLI BREAKFAST MIX

(51) International classification :A23L1/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)M/S. MTR FOODS PVT LTD.
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(72)**Name of Inventor :**
1)SANJAY SHARMA

(57) Abstract :
A composition making Oats Idli Mix comprising of whole grains of Oats, Rice and Chickpeas Salt Curry leaves ,Mustard ,Green chilli Ginger cut, Sodium bicarbonate Silica

No. of Pages : 17 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/07/2013

(21) Application No.5336/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGH-TEMPERATURE LEAD-FREE SOLDER ALLOY

(51) International classification :B23K35/26,B23K35/28,C22C12/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/070185
Filing Date :08/08/2012
(87) International Publication No :WO/2014/024271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SENJU METAL INDUSTRY CO., LTD.
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(72)**Name of Inventor :**
1)UESHIMA Minoru
2)FUJIMAKI, REI

(57) Abstract :
Provided is an Sn-Sb-Ag-Cu based high-temperature lead-free solder alloy which does not form any low-melting phase even when solidified at a low cooling rate and which exhibits excellent joint reliability. This solder alloy has an alloy composition which comprises, in mass%, 35-40% Sb, 13-18% Ag, 6-8% Cu, and the balance Sn.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8168/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : 5 SUBSTITUTED IMINOTHIAZINES AND THEIR MONO AND DIOXIDES AS BACE INHIBITORS COMPOSITIONS AND THEIR USE

(51) International classification	:C07D279/12,C07D417/12,C07D417/14
(31) Priority Document No	:61/475215
(32) Priority Date	:13/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CN2012/000497 :12/04/2012
(87) International Publication No	:WO 2012/139425
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)WU Wen Lian
2)BURNETT Duane A.
3)STAMFORD Andrew W.
4)CUMMING Jared N.
5)BENNETT Chad Edward
6)GILBERT Eric J.
7)PENG Xuanjia
8)SCOTT Jack D.
9)YU Younong

(57) Abstract :
The present invention discloses certain iminothiazine compounds and mono and dioxides thereof including compounds Formula (I): and tautomers and stereoisomers thereof and pharmaceutically acceptable salts of said compounds said tautomers and said stereoismers wherein each of variables shown in the formula are as defined herein. The compounds of the invention may be useful as BACE inhibitors and/or for the treatment and prevention of various pathologies related thereto. Pharmaceutical compositions comprising one or more such compounds (alone and in combination with one or more other active agents) and methods for their preparation and uses including Alzheimer s disease are also disclosed.

No. of Pages : 220 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8170/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS APPARATUSES AND ARTICLES FOR PROVIDING NETWORK BASED MEASUREMENTS USER EQUIPMENT BASED POSITIONING

(51) International classification :H04W4/20
(31) Priority Document No :61/474142
(32) Priority Date :11/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032914
Filing Date :10/04/2012
(87) International Publication No :WO 2012/142034
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FISCHER Sven
2)EDGE Stephen W.

(57) Abstract :
The subject matter disclosed herein relates in one particular implementation to a method apparatus and/or system for acquiring one or more network based measurements at a location server from a radio access network serving a user equipment (UE). A first message may be transmitted to the UE from the location server where the first message comprises at least one of the one or more network based measurements. A location of the UE is capable of being determined by the UE based at least in part on the one or more network based measurements.

No. of Pages : 51 No. of Claims : 88

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8171/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTI WAY SORTER SYSTEM AND METHOD

(51) International classification :C12M1/00,C12M1/24,C12M1/18
(31) Priority Document No :61/480867
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035233
Filing Date :26/04/2012
(87) International Publication No :WO 2012/149174
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)VAN DEN ENGH Ger
2)PETERSEN Timothy Wayne

(57) Abstract :
Provided herein are improved multi way cell sorter systems and methods. For example provided are systems and methods for the collection of cells that are sorted in multiple directions. The systems and methods allow for the construction of a multi way sorter (e.g. a ten way sorter in the space that currently only allows four way sorting). In addition the device may actively sense the arrival of drops (with cells of interest) at a sample tube and trigger an alarm when the drops arrivals deviate from an expected pattern.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8322/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CAST AUSTENITIC STAINLESS STEEL

(51) International classification :C22C38/00,B22D27/20,B22D30/00
(31) Priority Document No :2011079965
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/054523
Filing Date :24/02/2012
(87) International Publication No :WO 2012/132679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SAKAMOTO Nobuyuki
2)HINENO Makoto

(57) Abstract :
A cast austenitic stainless steel containing a ferrite phase at a volume fraction of 0.1 5.0%.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8324/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WALL INSULATION SYSTEMS WITH STANCHION

(51) International classification :E04B2/56,E04B1/80
(31) Priority Document No :61/472400
(32) Priority Date :06/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/028582
Filing Date :09/03/2012
(87) International Publication No :WO 2012/138449
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BLUESCOPE BUILDINGS NORTH AMERICA INC.
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(72)**Name of Inventor :**
1)MCCLURE Richard R.

(57) Abstract :
Disclosed is a wall system and a method of fabricating that wall. The system uses a stanchion or bracket. The bracket is installed between the outer flanges of the structural girts that make up the wall and a wall panel. The tabs create space between the girt and panel that enables insulation to be spread out into the additional space created. This reduces heat losses in the wall.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8195/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR IMPROVING PLANT RESISTANCE TO INSECTS

(51) International classification :C12N15/82,C12N15/113,C12N5/14
(31) Priority Document No :201110081074.9
(32) Priority Date :31/03/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/073409
Filing Date :31/03/2012
(87) International Publication No :WO 2012/130176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)CHEN Xiaoya
2)WU Xiuming
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4)YANG Changqing
5)WANG Lingjian

(57) Abstract :
Provided is a method for improving plant resistance to insects. On the basis of nucleotide sequences from insect target genes constructs are designed and interference molecules are formed which interfere with the target gene expression in plants. Generated plants can significantly inhibit expression of the related genes after being eaten by insects. This process can be slightly affected by or not affected by obstacles such as the digestive system in insects. The method can improve plant resistance to insects therefore reduces the amount of pesticide use and the cost of agricultural production and preserves the ecological environment.

No. of Pages : 58 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8350/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : END CAP FOR A TUBULAR LIGHT SOURCE

(51) International classification :F21V23/04,F21V23/06,F21V25/04
(31) Priority Document No :11160377.5
(32) Priority Date :30/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051367
Filing Date :22/03/2012
(87) International Publication No :WO 2012/131547
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BUKKEMS Peter Johannes Martinus

(57) Abstract :
An end cap (104) for a tubular light source (102) the tubular light source (102) being configured to be arranged in a lighting fixture (106) comprising at least one socket (108) wherein the end cap (104) comprises a housing (202) two connector pins (112) at least partly arranged on an outside of the housing (202) and adapted to fit in the socket and a switch assembly comprising a switch element (110) arranged in between the two connector pins (112) and at least partly protruding from an opening in the housing (202) wherein a first side of the switch element (110) is adapted to fit into a slot in a socket (108) and wherein the switch assembly is configured to form a conductive path between the socket (108) and the tubular light source (102) through an axial rotation of the switch element (110) in relation to the housing (202) as the tubular light source (102) is rotatably mounted in the fixture (106).

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8351/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : END CAP FOR A TUBULAR LIGHT SOURCE

(51) International classification :F21V23/04,F21V19/00,H01R33/96
(31) Priority Document No :11160372.6
(32) Priority Date :30/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051274
Filing Date :16/03/2012
(87) International Publication No :WO 2012/131522
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VERHOEVEN Mark
2)GIELEN Vincent

(57) Abstract :
An end cap (104) for a tubular light source (102) the tubular light source (102) configured to be arranged in a lighting fixture (106) comprising at least one socket (108) wherein the end cap (104) comprises a first housing portion (202) two connector pins (208) at least partly arranged on an outside of the first housing portion (202) and adapted to fit in the socket (108) and a switch assembly comprising a switch element wherein the switch assembly being adapted to form a conductive path between the socket (108) and the tubular light source (102) through a depression of the switch element in combination with a relative rotational motion of the first housing portion (202) in relation to the tubular light source (102) as the tubular light source (102) is mounted in the fixture (106).

No. of Pages : 21 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8352/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTERFACE CIRCUIT

(51) International classification :H05B33/08
(31) Priority Document No :11160370.0
(32) Priority Date :30/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051446
Filing Date :27/03/2012
(87) International Publication No :WO 2012/131573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LOEF Christoph
2)TAO Haimin

(57) Abstract :
An interface circuit is disclosed for operating a light source from an electronic fluorescent driver which interface circuit is equipped with input terminals (7a 7b) for connection to lamp connection terminals of the electronic fluorescent lamp driver a first string (5a) interconnecting a first pair of input terminals (7a) a second string (5b) interconnecting a second pair of input terminals (7b) a third string (11 9) interconnecting a first terminal (Tl) of the first string and a second terminal (T2) of the second string and comprising a rectifier (31) output terminals of said rectifier being coupled during operation to the light source. The interface circuit is further equipped with a first switching element (11) for controlling the conductive state of the third string and a fourth string coupled to the third string and comprising a sensor circuit (8) having an output terminal coupled to a control electrode of the first switching element for sensing the amplitude of a high frequency AC voltage between the first and the second terminal and for rendering the first switching element conductive when the amplitude of the high frequency AC voltage reaches a predetermined value. When a light source is operated making use of the interface circuit a proper emulation of a fluorescent lamp is obtained.

No. of Pages : 17 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.720/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ALUMINUM BASED BANDAGES TO AID IN MEDICAL HEALING AND METHODS OF USE

(51) International classification :A61L15/18,A61F13/02,A61L15/22
(31) Priority Document No :61/513366
(32) Priority Date :29/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/067256
Filing Date :23/12/2011
(87) International Publication No :WO 2013/019266
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)FREER Ericka
3)WYLES Terrence

(57) Abstract :
The inventive disclosure contained herein is generally directed to a class of medical bandages that in many embodiments are effective in the treatment of various types of tissue burns whether be burns due to thermal burns sun exposure or rashes. Such products can include a plurality of specialized bandages and wraps that incorporate an extremely thin layer of aluminum at the base of a substrate adapted to be in direct contact with a burn wound while manufacturing the top side of the aluminum substrate to have a heat dissipationenhancing topography to help cool burns faster. The bandage can also feature a thermochromic indicator for users to realize the thermal cooling status of a burn to which a bandage has been applied.

No. of Pages : 59 No. of Claims : 75

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.733/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CLAMPING AND LIGATING DEVICE

(51) International classification :A61B17/122,A61B17/128
(31) Priority Document No :201110358591.6
(32) Priority Date :11/11/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/080793
Filing Date :30/08/2012
(87) International Publication No :WO 2013/067844
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ZHU Jian

(57) Abstract :
A clamping and ligating device comprising a ligation unit (10) a conveying unit (20) a protective sleeve pipe (30) a connecting unit (40) an operation unit (50) and a traction unit (60); the connecting unit (40) connects the conveying unit (20) with the ligation unit (10) and can be disengaged to separate the conveying unit (20) from the ligation unit (10); the traction unit (60) controls the ligation unit (10) via push and pull movement; the end of the traction unit (60) connected to the ligation unit (10) is breakable so that the traction unit (60) can be broken away from the ligation unit (10) under a definite force; the protective sleeve pipe (30) can accommodate the whole ligation unit (10) therein thus during endoscope penetration avoiding the damage to the endoscope tube wall and the increase of penetration force.

No. of Pages : 71 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.821/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM FOR SECURING FLEXIBLE MULTI PANEL STERILIZATION ASSEMBLY

(51) International classification :A61B19/02,A61L2/26,A61B19/08
(31) Priority Document No :61/370947
(32) Priority Date :05/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/053467
Filing Date :03/08/2011
(87) International Publication No :WO 2012/017404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GAYNOR Melissa R.

(57) Abstract :
A disposable flexible multi panel sterilization assembly incorporating an integrated fastening system. The disposable flexible multi panel sterilization assembly includes a barrier panel formed from a sheet of barrier material having at least one panel edge. The barrier panel is configured to be folded around content to be sterilized to form a package. The assembly further includes a fold protection panel extending from the barrier panel. The fold protection panel includes a proximal end generally adjacent the barrier panel and a distal end generally opposite the proximal end such that the distal end of the fold protection panel covers the one or more panel edges of the barrier panel after the barrier panel is in the folded configuration. The integrated fastening system is barrier panel attachment means located on a portion of the barrier panel for securing one or more panel edges of the barrier panel in a folded configuration around content to be sterilized. The barrier panel attachment means are configured to secure the one or more panel edges in a folded configuration.

No. of Pages : 80 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.8373/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDICAL INJECTION DEVICE WITH LARGE MECHANICAL CIPHER DOSE DISPLAY

(51) International classification :A61M5/20,A61M5/24,G09F9/37
(31) Priority Document No :11160635.6
(32) Priority Date :31/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055710
Filing Date :29/03/2012
(87) International Publication No :WO 2012/130991
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)AVLUND Mikkel

(57) Abstract :
An injection device is disclosed which comprises a housing (10) with a display for showing the size of a set dose. The display is formed from a number of individual ciphers (11 40) which each comprises a plurality of segments (13 14) extending horizontally and vertically. At the end of the injection device a dose setting element (20) is provided for allowing the user to set the size of the dose to be injected. Further the display mechanism comprises a first pattern (35) for showing the vertical segments (14) and a second pattern (25) for showing the horizontal segments (13). The patterns (25 35) are associated with the dose setting button (20) and arranged to be moved when the dose setting button (20) is operated. The injection device disclosed can have any number of ciphers (11 40) which is coupled to each other in order to show to the user the size of any dose set.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.708/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REACTOR FOR CARRYING OUT AUTOTHERMAL GAS PHASE DEHYDROGENATION

(51) International classification :B01J19/24,C07C5/48
(31) Priority Document No :11176343.9
(32) Priority Date :02/08/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/064988
Filing Date :01/08/2012
(87) International Publication No :WO 2013/017609
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)WEGERLE Ulrike
3)KOLIOS Grigorios
4)TELLAECHE HERRANZ Carlos
5)H–CHST Reinhold
6)GIENGER Andrea
7)BAUER Roland

(57) Abstract :
The invention relates to a reactor (1) in the form of a cylinder or prism for carrying out autothermal gas phase dehydrogenation of a gas flow (2) containing hydrocarbons by means of a gas flow (3) containing oxygen so as to obtain a reaction gas mixture on a heterogeneous catalyst which is designed as a monolith (4) the interior of the reactor (1) being divided by a circular cylindrical or prismatic gas tight housing (G) arranged in the longitudinal direction of the reactor (1) into an inner region (A) having one or more catalytically active zones (5) in each of which a respective packing of monoliths (4) stacked one on the other one next to the other and one behind the other and before each catalytically active zone (5) a respective mixing zone (6) having fixed installations are provided and an outer region (B) arranged coaxial with the inner region (A) said reactor being characterized in that the inner region (A) is insulated from the outer region (B) of the reactor by means of a microporous high performance insulating material (15) having a thermal conductivity value () less than 0.05 W/mK at temperatures up to 700 °C.

No. of Pages : 28 No. of Claims : 11

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

(21) Application No.8225/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING FLAME PROOFED POROUS POLYUREA BASED MATERIALS

(51) International classification :C08J9/00,C08J9/28,C08K5/00
(31) Priority Document No :11158820.8
(32) Priority Date :18/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/054049
Filing Date :08/03/2012
(87) International Publication No :WO 2012/126742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ELBING Mark

(57) Abstract :
The present invention relates to a method for producing flame proofed porous polyurea based materials comprising the following steps: (a) reacting at least one polyfunctional isocyanate (a1) and at least one polyfunctional aromatic amine (a2) in an organic solvent optionally in the presence of water as component (a3) and optionally in the presence of at least one catalyst (a5); and subsequently (b) removing the organic solvent so as to obtain the organic porous material wherein step (a) is carried out in the presence of at least one organic flame proofing agent as component (a4) which is soluble in the solvent. The invention relates to the porous materials which can thus be obtained and to the use of the porous materials for thermal insulation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012

(21) Application No.8380/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STERICALLY HINDERED AMINES

(51) International classification :C07D211/94,C08K5/3435
(31) Priority Document No :61/310729
(32) Priority Date :05/03/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/053120
Filing Date :02/03/2011
(87) International Publication No :WO 2011/107513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SCH–NING Kai Uwe
3)HINDALEKAR Shrirang Bhikaji

(57) Abstract :
A compound of the formula (A) wherein the radicals R are independently of one another methyl ethyl or n propyl and X is C Calkylene or C Calkylene interrupted by sulfur is useful for stabilizing an organic material against degradation induced by light heat or oxidation.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.8380/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OFFSHORE FLUID TRANSFER SYSTEM AND METHOD

(51) International classification :B63B27/24,B67D9/02
(31) Priority Document No :1153138
(32) Priority Date :11/04/2011
(33) Name of priority country :France
(86) International Application No :PCT/IB2012/051743
Filing Date :10/04/2012
(87) International Publication No :WO 2012/140566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DIANA Olivier
3)LE DEVEHAT Renaud

(57) Abstract :
An offshore fluid transfer system comprising a boom (2100) and at least one movable fluid conveying pipe (3000) attached to the boom said movable pipe (3000) comprising starting from its anchorage point a length for extension then an outer valve (3210) for coupling to a third party loading pipe a maneuvering cable called outer maneuvering cable (4100) maneuvered from the boom (2100) being furthermore linked to the free end of the movable pipe at a point referred to as cable anchorage point characterized in that the anchorage point is rigidly connected to the outer valve (3210). The invention also relates to the corresponding method.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.8381/CHENP/2013 A
(43) Publication Date : 12/12/2014

(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
(31) Priority Document No :61/488186
(32) Priority Date :20/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2011/066513
Filing Date :22/09/2011
(87) International Publication No :WO 2012/159680
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JOHANSSON Leif

(57) Abstract :
The invention describes a cable termination device of the dry type for terminating a high voltage cable (30) comprising an insulator housing (1) with an upper end (10) and a lower end (11) and having a hollow interior (9) which lower end has an opening for insertion of the cable. The device further comprises a stress controller device (5) located inside the insulator housing and adapted to be mounted on a high voltage cable and an electrically insulating gel (23) filling at least part of the hollow interior (9) of the insulator housing and surrounding at least part of the stress controller device (5). Further the stress controller device (5) extends from the lower end (11) of the insulator housing and into the housing where it has a free end (25) whereby a space is formed between the stress controller device (5) and an inner wall (12) of the insulator housing and that said space is filled with insulating gel (23) up to a level which is below the free end (25) of the stress controller device inside the insulator housing. The invention also relates to a method for prefabricating a cable termination device and a method for achieving a cable termination on a high voltage cable (30) comprising installation of the prefabricated cable termination device on a high voltage cable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/07/2012

(21) Application No.6372/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTOMATICALLY CONTROLLED VENTILATION SYSTEM AND METHOD

(51) International classification :A61M16/00
(31) Priority Document No :61/297400
(32) Priority Date :22/01/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2010/055922
Filing Date :17/12/2010
(87) International Publication No :WO 2011/089491
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)SHELLY Benjamin Irwin

(57) Abstract :
A system for controlling and regulating breathing gas supplied to a patient that includes a pressure generator system that provides breathing gas to a patient and a patent circuit that delivers the breathing gas to the patient. The system includes an interface device coupled to the patient circuit to communicate the flow of gas to the patient airway. A sensor detects a parameter indicative of a flow of breathing gas delivered to the patient. A controller coupled to the sensor and the pressure generator system measures at least one characteristic of respiratory airflow of a patient and calculates a target breath-amplitude -based parameter and a time -based parameter of at least a portion of the patients respiratory cycle to be delivered to the patient based on the at least one characteristic of respiratory airflow.

No. of Pages : 34 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.664/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR IMPLEMENTING MAINS SIGNAL BASED DIMMING OF A SOLID STATE LIGHTING MODULE

(51) International classification :H05B33/08
(31) Priority Document No :61/511245
(32) Priority Date :25/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/053755
Filing Date :24/07/2012
(87) International Publication No :WO 2013/014607
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ACHARYA Kaustuva
3)TRIPATHI Ajay

(57) Abstract :
A system for implementing mains voltage based dimming of a solid state lighting module includes a transformer a mains sensing circuit and a processing circuit. The transformer includes a primary side connected to a primary side circuit and a secondary side connected to a secondary side circuit the primary and second side circuits being separated by an isolation barrier. The mains sensing circuit receives a rectified mains voltage from the primary side circuit and generates a mains sense signal indicating amplitude of the rectified mains voltage. The processing circuit receives the mains sense signal from the mains sensing circuit across the isolation barrier and outputs a dimming reference signal to the secondary side circuit in response to the mains sense signal. Light output by the solid state lighting module connected to the secondary side circuit is adjusted in response to the dimming reference signal output by the processing circuit.

No. of Pages : 31 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.677/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DOMESTIC APPLIANCE COMPRISING AN ACTUATOR

(51) International classification :A47J
(31) Priority Document No :61/509204
(32) Priority Date :19/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/053678
Filing Date :19/07/2012
(87) International Publication No :WO 2013/011475
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)CHOY Kam Weng
3)TACK Johannes Willem

(57) Abstract :
The invention relates to a domestic appliance such as a steam iron or a coffee making apparatus. Such appliances comprising a housing a water reservoir an actuator for example plunger pump and a boiler for providing hot water or steam for an appliance. An input of the plunger pump is connected to the water reservoir an output of the plunger pump is connected to an inlet of the boiler. In operation the plunger pump is reciprocating at the mains frequency. The operating plunger pumps introduces vibrations which are transmitted to the housing and radiated by the housing to the environment which cause soundsand noise which are not user friendly. In order to reduce the sound and noise the domestic appliance comprises a base frame an actuator connected to the base frame the actuator being provided with a drive member and the actuator being arranged for reciprocating movement of the drive member wherein the domestic appliance further comprises a sub frame and a resilient member whereby the actuator is mounted on the sub frame and the resilient member is arranged between the sub frame and the base frame for moveably mounting the sub frame at the base frame.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.8437/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR CONFIGURING REMOTE RADIO HEADS

(51) International classification :H04W28/18,H04W88/08
(31) Priority Document No :61/483356
(32) Priority Date :06/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036513
Filing Date :04/05/2012
(87) International Publication No :WO 2012/154561
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BHATTAD Kapil
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(57) Abstract :
In a method of wireless communication a UE receives a configuration parameter for scrambling or descrambling a signal for which a larger number of scrambling sequences are defined for a particular cell ID for UEs of a newer release. The UE communicates in a network having a base station and remote radio head(s) based on the received configuration parameter.

No. of Pages : 36 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8156/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : 3 4 DISUBSTITUTED PYRROLE 2 5 DIONES AND THEIR USE AS FUNGICIDES

(51) International classification	:A01N37/32,A01N37/34,A01N37/36
(31) Priority Document No	:61/477612
(32) Priority Date	:21/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2012/057202 :19/04/2012
(87) International Publication No	:WO 2012/143468
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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4)MLLER Bernd
5)LOHMANN Jan Klaas
6)BOUDET Nadege
7)CRAIG Ian Robert
8)HADEN Egon
9)MONTAG Jurith

(57) Abstract :
The present invention relates to the use of 3 4 disubstituted pyrrole 2 5 diones of the formula I as defined in the description for controlling phytopathogenic fungi. Further the invention relates to novel compounds of the formula I.

No. of Pages : 148 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8159/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRONIC APPARATUS AND METHOD FOR CONTROLLING ELECTRONIC APPARATUS

(51) International classification :G06F3/041,G02F1/133,G09G3/20
(31) Priority Document No :2011085816
(32) Priority Date :07/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059116
Filing Date :03/04/2012
(87) International Publication No :WO 2012/137790
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FUJIOKA Akizumi
3)OZAKI Masami
4)YANAGI Toshihiro

(57) Abstract :
An electronic apparatus (100) is provided with a display device (1) a detection device (20) for detecting input a state change detection unit (31) and a control unit. The control unit controls the detection device (20) such that the frequency of the detection operation increases during a non scanning period when the state change detection unit (31) detected a change in state causing an increase of detection accuracy and such that the frequency of the detection operation decreases during the non scanning period when the state change detection unit (31) detected a change in state causing a drop in detection accuracy. As a consequence it is possible to improve the detection accuracy of a detection device while reducing power consumption.

No. of Pages : 124 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8336/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN ARRANGEMENT TO MONITOR DC CIRCUIT CONDITION

(51) International classification :H02H3/04,H01H85/32
(31) Priority Document No :20110144
(32) Priority Date :21/04/2011
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2012/050401
Filing Date :23/04/2012
(87) International Publication No :WO 2012/143619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)RAJALA Matti
3)PYLK„S Marko

(57) Abstract :
An arrangement for monitoring condition of a direct current voltage circuit an arrangement comprising a first and a second supply pole for forming an operating voltage of the direct current circuit a first fuse (7a) connected to the first supply pole which first fuse has a supply pole (7a1) and an output pole (7a2). A second fuse (7b) connected to the second supply pole which second fuse has an input pole (7b1) and an output pole (7b2) means for forming one or several reference voltages (Ua Ub Uc) means (3a ... 3h 3m ... 3t) for forming a first measurement voltage (U U U U) between the output pole (7a2) of the first fuse and the supply pole (7b1) of the second fuse means for forming a second measurement voltage (U U U U) between the output pole of the second fuse and the supply pole of the first or the second fuse means (4a 4b 4c) for comparing one or several reference voltages and measurement voltages to estimate the condition of the first and the second fuse and means (6) for indicating the comparison result.

No. of Pages : 29 No. of Claims : 15

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

(21) Application No.8496/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIRING AND PERIPHERY FOR INTEGRATED CAPACITIVE TOUCH DEVICES

(51) International classification :G06F3/044,G06F3/041,G02B26/00
(31) Priority Document No :61/480970
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033749
Filing Date :16/04/2012
(87) International Publication No :WO 2012/148718
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BITA Ion
2)RAO Rashmi Raghavendra
3)LI Kebin

(57) Abstract :
This disclosure provides systems methods and apparatus for a projected capacitive touch (PCT) sensor that may include thin sensor electrodes coated with additional layers to form an optical cavity that reinforces a wavelength range or color of incident light. The sensor electrodes (907a 907b) and a cover glass border and/or decorations (1305) may be fabricated simultaneously. In some implementations the thickness of the optical cavity will be selected such that the color of reflected light is black. The sensor electrodes (907a 907b) may not be noticeable to a human observer. However in some other implementations the thickness of the optical cavity may be selected such that the sensor electrodes (907a 907b) and/or the decorative portions (1305) will have another color. Routing wires (1120a) of the touch sensor may be shielded by a grounded conductive layer in the border.

No. of Pages : 71 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8353/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DIMMER CONTROL OF ANGULAR DISTRIBUTION OF LIGHT

(51) International classification :H05B37/02
(31) Priority Document No :11160362.7
(32) Priority Date :30/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051391
Filing Date :23/03/2012
(87) International Publication No :WO 2012/131549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ANSEMS Johannes Petrus Maria
3)VAN GORKOM Ramon Pascal
4)BERGMAN Anthonie Hendrik
5)KRIJN Marcellinus Petrus Carolus Michael
6)TUKKER Teunis Willem

(57) Abstract :
DSA method for controlling an angular distribution of a light beam emitted by a light output device (102 200) comprising a first set of light sources (105 211) comprising at least one light source configured to emit light within a first angular range (221 231 241) and second set of light sources (107 210) comprising at least one light source configured to emit light within a second angular range (222 232 242) wherein the first angular range is different from the second angular range. The method comprises the steps of: receiving (401) a dimmer setting (V) from a dimmer (101); controlling (404) if the dimmer setting is within a first predetermined range the first set of light sources to emit light within the first angular range; and controlling (405) if the dimmer setting is within a second predetermined range the second set of light sources to emit light within the second angular range. Through the method according to the invention the angular distribution of light emitted from a single light output device may be controlled using a single switch thereby avoiding the need for having a plurality of switches and/or new wiring which would otherwise be required.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8354/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONTACTLESS SLEEP DISORDER SCREENING SYSTEM

(51) International classification :A61B5/11,A61B7/00
(31) Priority Document No :61/469329
(32) Priority Date :30/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051474
Filing Date :28/03/2012
(87) International Publication No :WO 2012/131589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)HEINRICH Adrienne
2)RAYMANN Roy Joan Eli Marie
3)VAN VUGT Henriette Christine

(57) Abstract :
Provided are systems (100) and methods (200) for providing contact less sleep disorder diagnosis including a sound input device (103) and/or a movement detector (105) that receive sound and/or movement data originating from a patient in a sleeping environment respectively. Also included is a computer implemented device (109) that receives and stores the sound and/or movement data and determines a sleep disorder diagnosis based on the received data.

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8355/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OIL OR FAT COMPOSITION

(51) International classification :A23D9/00
(31) Priority Document No :2011114518
(32) Priority Date :23/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/055165
Filing Date :01/03/2012
(87) International Publication No :WO 2012/160851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HANAJIRI Tsutomu
3)YAMADA Yuzo
4)HAGIRI Hiroatsu

(57) Abstract :
An oil or fat composition capable of suppressing a cooked odor without the use of an additive such as an emulsifier is provided. [Solution] This oil or fat composition is characterized in comprising an edible oil or fat and an oil or fat in which new oil or fat has been oxidized so that the difference in anisidine values after oxidation treatment is 0.5 350 wherein the added anisidine value is 0.07 350 as calculated using the formula: added anisidine value = ((anisidine value after oxidation treatment) (anisidine value prior to oxidation treatment)) — added amount (wt%).

No. of Pages : 30 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8356/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLANTS HAVING ONE OR MORE ENHANCED YIELD RELATED TRAITS AND METHOD FOR MAKING THE SAME

(51) International classification :A01H1/00,A01H5/00,C12N15/29
(31) Priority Document No :61/476343
(32) Priority Date :18/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051811
Filing Date :13/04/2012
(87) International Publication No :WO 2012/143830
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided is a method for enhancing yield related traits in plants by modulating expression in a plant of a nucleic acid encoding an NEMTOP6 polypeptide. Also provided are plants having modulated expression of a nucleic acid encoding an NEMTOP6 polypeptide which plants have enhanced yield related traits compared with control plants. Also provided are NEMTOP6 encoding nucleic acids and constructs comprising the same useful in enhancing yield related traits in plants..

No. of Pages : 126 No. of Claims : 24

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

(21) Application No.8502/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MRI OF CHEMICAL SPECIES HAVING DIFFERENT RESONANCE FREQUENCIES USING AN ULTRA SHORT ECHO TIME SEQUENCE

(51) International classification	:G01N24/08,G01R33/36,G01R33/48
(31) Priority Document No	:11161862.5
(32) Priority Date	:11/04/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2012/051638 :04/04/2012
(87) International Publication No	:WO 2012/140543
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
The invention relates to a method of MR imaging of chemical species having at least two different MR resonance frequencies the method comprising the steps of: generating MR signals at that at least two different resonance frequencies of the chemical species by subjecting a portion of a body (10) to an imaging sequence of RF pulses and switched magnetic field gradients which imaging sequence is an ultra short echo time sequence; acquiring the MR signals; reconstructing a MR image from the acquired MR signals. Moreover the invention relates to a MR device and to a computer program to be run on a MR device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8186/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOLUTION COMPRISING PROPYLFUNCTIONAL ALKALINE SILICONATES SILICATES AND METHODS FOR THE PRODUCTION THEREOF

(51) International classification :C07F7/18,C09K3/18
(31) Priority Document No :10 2011 007 142.3
(32) Priority Date :11/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/053269
Filing Date :27/02/2012
(87) International Publication No :WO 2012/139804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LJESIC Spomenko
3)WASSMER Christian
4)Z–LITZ Susanne

(57) Abstract :
The invention relates to a solution and to methods for producing the solution comprising propylfunctional alkaline siliconates silicates and optionally the cocondensation products thereof.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2013

(21) Application No.8187/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMMUNICATION DEVICE MAC ADDRESS DISTRIBUTION METHOD PROGRAM AND CONTROL DEVICE

(51) International classification :H04L12/28
(31) Priority Document No :2011075122
(32) Priority Date :30/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058175
Filing Date :28/03/2012
(87) International Publication No :WO 2012/133547
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided is a communication device characterized by being provided with: a plurality of interface units that are nodes connected to a network and to each of which at least one MAC address has been associated; a recording unit that records information indicating a plurality of MAC addresses; and a plurality of control units that respectively notify the plurality of interface units of a MAC address indicated by information read from the recording unit.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8346/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOLID STATE LIGHTING STRIP FOR MOUNTING IN OR ON A PANEL SUPPORT ELEMENT OF A MODULAR PANEL SYSTEM

(51) International classification :F21S2/00,F21S8/04,G02B6/00
(31) Priority Document No :11160555.6
(32) Priority Date :31/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051558
Filing Date :30/03/2012
(87) International Publication No :WO 2012/131636
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)DE ZWART Siebe Tjerk
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8)VISSENBERG Michel Cornelis Josephus Marie
9)VAN HERPEN Maarten Marinus Johannes Wilhelmus

(57) Abstract :
The invention relates to a solid state lighting strip (100) for mounting in or on a panel support element (210) of a modular panel system (200). The strip comprises a plurality of solid state lighting elements (110 110) a light extraction layer (120) and a glare reducing layer (130). The solid state lighting elements are arranged such that the light emitted by said elements is coupled into the glare reducing layer via the light extraction layer. The solid state lighting strip (100) can be used as part of alighting system a panel support element (210) and a modular panel system (200).

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8348/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CERAMIC DISCHARGE METAL HALIDE (CDM) LAMP AND METHOD OF MANUFACTURE THEREOF

(51) International classification :H01J61/50,H01J61/12,H01J61/82
(31) Priority Document No :61/469994
(32) Priority Date :31/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051423
Filing Date :26/03/2012
(87) International Publication No :WO 2012/131561
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PALMER Jay
3)ALDERMAN John
4)GOLDING Gregory Allen

(57) Abstract :
A high power ceramic discharge metal halide (CDM) lamp with a shroud type containment assembly is disclosed. The lamp includes: a first shroud (138) with a first wall which forms a cylinder and which defines a first cavity; a second shroud (136) situated within the first cavity and which includes a second wall which forms a cylinder and which defines a second cavity situated within the first cavity of the first shroud; a first coil portion (140 142) is situated about at least the one or the first and second shrouds (respectively); a ceramic arc tube (102) is situated in the second cavity and includes first and second openings first and second leads (104 106) with electrodes and a lamp cavity (103) for containing a fill.

No. of Pages : 57 No. of Claims : 18

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

(21) Application No.8500/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDIA RENDERING DEVICE PROVIDING UNINTERRUPTED PLAYBACK OF CONTENT

(51) International classification :H04L12/28
(31) Priority Document No :11161873.2
(32) Priority Date :11/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051620
Filing Date :03/04/2012
(87) International Publication No :WO 2012/140541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DHUNDI Manu

(57) Abstract :
A method of providing uninterrupted playback of content being rendered by a media rendering device (102a) in a home network (100) is disclosed. The method comprises retaining (202) the media rendering device (102a) within the home network and checking whether the media rendering device is rendering content and if so checking (204) whether the media rendering device wants to continue its current ongoing rendering of content uninterruptedly and if so configuring (206) the media rendering device to notify the plurality of controller devices not to subscribe and invoke rendering service request thereby suspending the processing of rendering service request. The rendering devices could be connected televisions streamium devices connected photo frames set top boxes mobile phones and personal computers/laptops within the home network. The disclosed method could help the media rendering device and controller devices to save on power and network traffic.

No. of Pages : 22 No. of Claims : 10

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

(21) Application No.8503/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DRIVER DEVICE AND DRIVING METHOD FOR DRIVING A LOAD IN PARTICULAR AN LED ASSEMBLY

(51) International classification	:H05B33/08
(31) Priority Document No	:11161748.6
(32) Priority Date	:08/04/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2012/051470 :28/03/2012
(87) International Publication No	:WO 2012/137103
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
Driver device (1) and a corresponding driving method for driving a load (100) in particular an LED assembly comprising two or more LEDs. The proposed driver device comprises supply terminals (10) for receiving a supply voltage (Vs) load terminals (20) for coupling a load to said driver device and for providing electrical energy to said load for driving said load a storage unit (40) for storing electrical energy received at said supply terminals a coupling unit (50) coupled between said supply terminals and said storage unit for controllably providing electrical energy from said supply terminals to said storage unit a first switching unit (60) coupled between said supply terminals and said load for switchably providing electrical energy from said supply terminals to one or more of said load terminals a second switching unit (70) coupled between said storage unit and said load for switchably providing electrical energy stored in said storage unit to one or more of said load terminals and a control unit (80) for controlling said coupling unit and said first and second switching units.

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

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

(21) Application No.8504/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VIDEO ENCODING AND DECODING

(51) International classification :H04N7/26
(31) Priority Document No :11161702.3
(32) Priority Date :08/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051538
Filing Date :30/03/2012
(87) International Publication No :WO 2012/137114
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DAMKAT Chris

(57) Abstract :
An encoder comprises a receiver (101) for receiving a video signal comprising at least one image. An estimator (107) determines a veiling luminance estimate for at least part of a first image of the at least one image in response to image content of one or more of the images. The veiling luminance estimate reflects an amount of eye glare generated in the eye by the image when rendered. A quantization adapter (109) determines a quantization scheme for the at least part of the first image in response to the veiling luminance estimate and an encoding unit (103 105) encodes the video signal using the quantization scheme for the at least part of the first image. The veiling luminance estimate may be low pass filtered to emulate human luminance adaptation. A corresponding decoder is provided. Improved encoding can be achieved especially for High Dynamic Range images.

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

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

(21) Application No.8505/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMAGE PROCESSING SYSTEM AND METHOD.

(51) International classification :G06T15/20,H04N13/04
(31) Priority Document No :11161606.6
(32) Priority Date :08/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051536
Filing Date :30/03/2012
(87) International Publication No :WO 2012/137113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TRUYEN Roel
3)ERMES Jean Pierre Franciscus Alexander Maria
4)DEN HARDER Johan Michiel

(57) Abstract :
Image processing system 100 for enabling a user to navigate through image data having at least three spatial dimensions by displaying views 155 of the image data the image processing system comprising an image device 110 comprising a display 130 for displaying the views of the image data and an orientation sensor 120 for measuring an orientation of the image device with respect to a reference orientation for providing rotation data 125 indicative of a device rotation of the image device means 140 for establishing a center of rotation in the image data and an image processor 150 for establishing the views of the image data in relation to the device rotation by for establishing a current view (i) receiving the rotation data from the orientation sensor (ii) establishing a view rotation in relation to the device rotation and (iii) establishing the current view in dependence on the view rotation around the center of rotation with respect to a reference view.

No. of Pages : 27 No. of Claims : 15

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

(21) Application No.8506/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CARPET UNIT ARRANGEMENT AND CARPET UNIT

(51) International classification :D05C17/02,E04F15/10,G09F13/00
(31) Priority Document No :11161531.6
(32) Priority Date :07/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051541
Filing Date :30/03/2012
(87) International Publication No :WO 2012/137115
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)VAN HERPEN Maarten Marinus Johannes Wilhelmus

(57) Abstract :
The invention provides a carpet unit arrangement comprising a carpet unit and a light source. The carpet unit comprises a carpet or a carpet tile wherein the carpet unit comprises a user face formed by carpet tuft yarns and an opposite back face. Seen in a direction from the user face to the back face the light source is arranged behind the user face of the carpet unit. The light source is further arranged to provide light downstream of the user face of the carpet unit. The carpet unit is an axminster based carpet unit comprising wefts warps and said tuft yarns.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2012

(21) Application No.6033/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS FOR ANALYSING THE CONDITION OF A MACHINE HAVING A ROTATING PART

(51) International classification :G01H1/00,G01M13/02,G01M13/04
(31) Priority Document No :1000045-3
(32) Priority Date :18/01/2010
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2011/050035
Filing Date :13/01/2011
(87) International Publication No :WO 2011/087440
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LARS-OLOV ELIS HEDIN

(57) Abstract :
A method of operating an apparatus for analysing the condition of a machine having a part rotating with a speed of rotation (fROT), comprising the steps of: receiving a first digital signal (SRED, SMD, SENV) dependent on mechanical vibrations emanating from rotation of said part; analysing said first digital signal (SRED, SMD, SENV) SO as to detect peak amplitude values (Ap) during a finite time period (Pm), said finite time period corresponding to a certain amount (R) of revolution of said rotatable part; said certain amount (R) of revolution corresponding to more than one revolution of said monitored rotatable part; defining a plurality (NR) of amplitude ranges; sorting said detected peak amplitude values (Ap) into corresponding amplitude ranges so as to reflect occurrence (N) of detected peak amplitude values (Ap) within said plurality of amplitude ranges; estimating a representative peak amplitude value(APR) in dependence on said sorted peak amplitude values (Ap) and said certain amount (R).

No. of Pages : 76 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2013

(21) Application No.6665/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING THE INTERFERENCE BETWEEN A MICROCELL AND A MACROCELL

(51) International classification :H04W24/00,H04W52/04
(31) Priority Document No :201110051603.0
(32) Priority Date :03/03/2011
(33) Name of priority country :China
(86) International Application No :PCT/IB2012/000662
Filing Date :24/02/2012
(87) International Publication No :WO 2012/117298
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YANG Tao
3)YANG Lin
4)WEN Pingping

(57) Abstract :
A method and an apparatus for controlling interference between a microcell and a macrocell in a home base station within the microcell are provided in the present invention. In particular in the case that the existence: of at least one victim macro user equipment is detected the home base station according to the present invention controls its transmit power within an interval determined by an upper limit and a lower limit such that it can be guaranteed that the performance requirement of a communication with the home user equipment is satisfied while lac interference toward the victim macro user equipment is reduced. Additionally the home base station according to the present invention detects whether there is at least one indoor victim macro user equipment and conducts corresponding interference control according to the detection result.

No. of Pages : 33 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8359/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WATER REPELLENT AND OIL REPELLENT AGENT COMPOUND MANUFACTURING METHOD THEREFOR AND ARTICLE

(51) International classification :C09K3/18,C08F220/22,C08K5/06
(31) Priority Document No :2011099960
(32) Priority Date :27/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060625
Filing Date :19/04/2012
(87) International Publication No :WO 2012/147625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SUGIYAMA Kazunori
3)FUKUDA Reika
4)HIRONO Takao

(57) Abstract :
Provided are water repellent and oil repellent agent compound having low environmental impact and that can impart sufficient water repellency and oil repellency after drying to the surface of an article and an article having a surface treated with the water repellent and oil repellent agent compound. The water repellent and oil repellent agent compound contains: a copolymer (A) having a constituent unit based on a monomer (a) a constituent unit based on a monomer (b) and a constituent element based on a monomer (c) and/or a constituent unit based on a monomer (d); and an aqueous medium (B) containing water and a film formation auxiliary (x) and/or a film formation auxiliary (y) where the monomer (a) is a monomer having a C C polyfluoroalkyl group the monomer (b) is vinylidene chloride the monomer (c) is a monomer in which the glass transition temperature of the homopolymer is 20°C or higher the monomer (d) is a monomer having a cross linkable functional group the film formation auxiliary (x) is a specific amide based solvent and the film formation auxiliary (y) is a specific glycol based solvent.

No. of Pages : 41 No. of Claims : 13

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

(21) Application No.8510/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE AND METHOD FOR ADJUSTING ELECTRICITY CONSUMPTION OF A PLURALITY OF LIGHTING DEVICES OF A LIGHTING SYSTEM

(51) International classification	:H02J3/12,H05B37/02
(31) Priority Document No	:11161039.0
(32) Priority Date	:04/04/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2012/051472 :28/03/2012
(87) International Publication No	:WO 2012/137104
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)ZHAO Meng

(57) Abstract :
The invention is based on the idea that control of power consumption in a system comprising power consuming devices like lighting devices for example can be performed by dividing the power consuming devices of the system into a plurality of groups and by taking into account power consumption or load shedding or restoration capability for each group. Further the invention implements an auction mechanism for adjusting power consumption or load in the lighting system such that an effective fast user requirements considering and lighting device functions and characteristics considering adjusting is achieved.

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

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

(21) Application No.8511/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE AND METHOD FOR ILLUMINATION CONTROL OF A PLURALITY OF LIGHT SOURCES

(51) International classification :H05B37/02
(31) Priority Document No :11161051.5
(32) Priority Date :04/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051599
Filing Date :02/04/2012
(87) International Publication No :WO 2012/137125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)PANDHARIPANDE Ashish Vijay
2)HUSEN Sri Andari

(57) Abstract :
The invention is based on the idea that a lighting system can utilize its sensing and control functionalities to offer dynamic load management (e.g. demand response) services in an electrical grid. The present invention optimizes dimming levels of lighting sources of a lighting system by determining a solution for an optimization problem directed to determining new dimming levels such that power consumption of the lighting devices is reduced. During the determining the solution for the optimization problem the present invention may take into account specific guarantees on illumination rendering acceptable to different users and differing illumination requirements in different spaces or rooms. By the lighting control of the present invention predictable and effective load reductions may be achieved.

No. of Pages : 38 No. of Claims : 19

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

(21) Application No.8512/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : X RAY POSE RECOVERY

(51) International classification :A61B6/00,A61B6/12,A61B19/00
(31) Priority Document No :61/470510
(32) Priority Date :01/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051505
Filing Date :29/03/2012
(87) International Publication No :WO 2012/131610
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LIU Xin
2)JAIN Ameet Kumar

(57) Abstract :
A method system and program product are provided for x ray pose recovery during an endoscopic procedure. An x ray image is taken with a C arm at a first pose capturing a region of an endoscope with fiducials thereon. The C arm is moved from the fist pose to a second pose at another viewing angle while maintaining the position of the endoscope. Anotherx ray image is taken with the C arm at the second C arm pose capturing the region of the endoscope with the fiducials thereon. The location of the fiducials on each x ray image is determined using segmentation. An iterative optimization is performed using the locations of the fiducials in the two x ray images to form two dimensional projections of the three dimensional curve of the region of the endoscope with fiducials thereon to determine the three dimensional translation and rotation of the C arm from the first x ray pose to the second x ray pose.

No. of Pages : 26 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8514/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AGROCHEMICAL COMPOSITION CONTAINING AGRICULTURAL OR HORTICULTURAL PESTICIDE OR MITICIDE

(51) International classification	:A01N25/30,A01N37/28,A01N43/16
(31) Priority Document No	:2011109962
(32) Priority Date	:17/05/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/003017 :09/05/2012
(87) International Publication No	:WO 2012/157205
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
The present invention relates to an agrochemical composition comprising the following components at a specified ratio: (A) at least one agricultural or horticultural pesticide (a1) selected from the group consisting of a specific respiration inhibiting pesticide a specific organophosphorous pesticide and a specific insect growth regulating pesticide and/or at least one agricultural or horticultural miticide (a2) selected from the group consisting of a sulfite ester type miticide a naphthoquinone type miticide a bifenazate type miticide and a pyrazole type miticide; (B) a dialkylsulfosuccinic acid; and (C) a polyoxyethylene C11 15 alkyl ether. The agrochemical composition can maintain recover or improve the controlling effect of an agrochemical pesticide or an agrochemical miticide contained therein.

No. of Pages : 47 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8515/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PISTON ASSEMBLY INCLUDING A POLYMER COATING WITH HARD PARTICLES APPLIED TO SLIDING SURFACES

(51) International classification :F16J1/16
(31) Priority Document No :61/551998
(32) Priority Date :27/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062032
Filing Date :26/10/2012
(87) International Publication No :WO 2013/063342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MILLER Andrew J.
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(57) Abstract :
A piston assembly comprises a piston body a connecting rod and a wrist pin. The piston body includes a pair of first cross bores presenting a piston sliding surface. The connecting rod includes a second cross bore presenting a rod sliding surface which is axially aligned with the first cross bores of the piston body. A wrist pin is disposed in the aligned cross bores and couples the piston body to the connecting rod. The wrist pin also presents a pin sliding surface facing the rod sliding surface and the piston sliding surfaces. A coating is applied to at least one of the sliding surfaces such as by dipping brushing atomizing spraying printing or screen printing. The coating includes a polymer matrix such as polyamide imide (PAI) and hard particles such as Fei03 disposed throughout the polymer matrix. The hard particles have a hardness of at least 600 HV/0.5.

No. of Pages : 19 No. of Claims : 20

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

(21) Application No.8254/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FRICTIONAL FALSE TWISTING DISK

(51) International classification :D02G1/08,C08L9/02
(31) Priority Document No :2012039954
(32) Priority Date :27/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061832
Filing Date :09/05/2012
(87) International Publication No :WO 2013/128660
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a false twisting device for a drawing and false twisting machine and more specifically relates to a frictional false twisting disk for a drawing and false twisting machine such that the frictional false twisting disk has superior durability for twisting a thread shaped body known as POY which is formed from multiple continuous filaments such as polyester or nylon by the POY coming into contact directly with the peripheral surface of the disk. This frictional false twisting disk is used in a false twisting device for a drawing and false twisting machine; the frictional false twisting disk is characterized by being formed from a rubber material in which hydrogenated nitrile rubber with 17 44% by weight bound acrylonitrile as a frictional false twisting material has been peroxide vulcanized by the rubber hardness of the peroxide vulcanized rubber material at 25°C as measured by a method for which the basis is JIS K6253 being a JIS A hardness of 65 95 and by viscoelastic component · tan d as measured at an atmospheric temperature of 60°C and frequency of 60 Hz by a tensile vibration test system for which the basis is JIS K7244 4 (ISO6721 4) being 0.15 or less.

No. of Pages : 50 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8555/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HEAT TRANSFER COMPOSITIONS EXHIBITING IMPROVED MISCIBILITY WITH THE LUBRICATING OIL

(51) International classification :C09K5/04,C10M171/00
(31) Priority Document No :11.53801
(32) Priority Date :04/05/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050653
Filing Date :28/03/2012
(87) International Publication No :WO 2012/150391
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to the use of 1 1 1 2 tetrafluoroethane for increasing the miscibility of 2 3 3 3 tetrafluoropropene with a lubricating oil and in particular with a polyalkylene glycol oil. In this regard the invention provides heat transfer compositions and also equipment and processes using these compositions.

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2013

(21) Application No.8558/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SCREEN UNLOCKING METHOD APPARATUS AND DEVICE

(51) International classification :G06F3/0487,H04M1/725
(31) Priority Document No :201210499291.4
(32) Priority Date :29/11/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/073663
Filing Date :02/04/2013
(87) International Publication No :WO 2014/082406
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Embodiments of the present invention disclose a screen unlocking method apparatus and device and relate to the technical field of touch which can shorten the time spent by a user to unlock the screen and effectively improve user experience. The method comprises: displaying a screen unlock interface on the screen the screen unlock interface comprising a password unlock area and a shortcut unlock area; receiving an unlock pattern entered through the screen unlock interface by the user the unlock pattern comprising a password unlock pattern entered through the password unlock area and a shortcut unlock pattern entered through the shortcut unlock area; determining whether the password unlock pattern entered by the user is consistent with a preset password unlock pattern; and if the password unlock pattern entered by the user is consistent with the preset password unlock pattern unlocking the screen to access a functional interface corresponding to the shortcut unlock pattern. The present invention can be applied to the unlock technology of a touch device.

No. of Pages : 41 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2013

(21) Application No.8559/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FOOD PAN GUIDE

(51) International classification :A47J39/00
(31) Priority Document No :61/469561
(32) Priority Date :30/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031724
Filing Date :30/03/2012
(87) International Publication No :WO 2012/138583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SEISS Richard A.
4)WILLOUGHBY Stephen R.
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(57) Abstract :
A pan guide for use in a food storage apparatus is provided. The pan guide has at least two levels for supporting food storage pans. The levels can be removable. This allows for easy movement of the food pans to accommodate for temperature changes in the vicinity of the food storage apparatus. Dividers for separating the food pans are also provided which can connect to the pan guide.

No. of Pages : 11 No. of Claims : 9

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

(21) Application No.7/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIND TURBINE BLADE COMPRISING METAL FILAMENTS AND CARBON FIBRES AND A METHOD OF MANUFACTURING THEREOF

(51) International classification :B29C70/54,B32B15/14,F03D1/06
(31) Priority Document No :11172900.0
(32) Priority Date :06/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/063209
Filing Date :06/07/2012
(87) International Publication No :WO 2013/004808
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Wind turbine blade has a longitudinal direction and includes a shell structure made of a fibre reinforced polymer material including a polymer matrix and reinforcement material comprising a plurality of carbon fibre layers embedded in the polymer matrix. At least a portion of the shell structure is formed of a laminate (6) comprising at least one metal filament layer (15 18) comprising metal filaments and being sandwiched between two carbon fibre layers (16 16;17 18) comprising carbon fibres only. The carbon fibre layers are arranged contiguously with the metal filament layer.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2014

(21) Application No.713/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REDUCTANT INJECTION CONTROL SYSTEM

(51) International classification :F01N3/18,F01N9/00,B01D53/94
(31) Priority Document No :13/198952
(32) Priority Date :05/08/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/047337
Filing Date :19/07/2012
(87) International Publication No :WO 2013/022587
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)REYNOLDS III James J.
4)RALPH Joseph G.

(57) Abstract :
A control system for reducing nitrogen oxides in an engine exhaust of an engine includes an emissions catalyst having an inlet adapted to receive an exhaust from the engine. A reductant tank stores a reductant. An injector is in fluid communication with the reductant tank and is operable to inject the reductant into the exhaust upstream of the catalyst. A reductant pump pumps the reductant from the reductant tank to the injector. A controller determines a target pressure of the reductant based on an engine operating condition and operates the reductant pump based on the target pressure.

No. of Pages : 16 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8082/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR MEASURING OXYGENATION

(51) International classification :A61B5/1455
(31) Priority Document No :61/467945
(32) Priority Date :25/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/030494
Filing Date :25/03/2012
(87) International Publication No :WO 2012/135079
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SCHMITZ Roger

(57) Abstract :
Systems and methods are described for measuring a tissue parameter such as %StO2 in a tissue sample. One such method includes receiving first and second scattered light intensity signals at unique locations on a selected region of tissue from light injected into the region of tissue from a light source to identify a measured light attenuation data value. An electronic data store can be accessed that includes simulated light attenuation data determined from a mathematical tissue model at discrete points over a range of two or more tissue parameters where the simulated light attenuation data are a function of one or more temperature dependent light source spectra. The tissue parameter in the tissue sample can be determined by selecting a closest match between the measured light attenuation data and the simulated light attenuation data. An electronic signal representative of the determined tissue parameter can be sent to an output register.

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8549/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NEW COMPOUNDS FOR TREATING DELAYING AND/OR PREVENTING A HUMAN GENETIC DISORDER SUCH AS MYOTONIC DYSTROPHY TYPE 1 (DM1)

(51) International classification	:A61K47/48,A61P21/00,C12N15/113
(31) Priority Document No	:11163581.9
(32) Priority Date	:22/04/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/NL2012/050273 :23/04/2012
(87) International Publication No	:WO 2012/144906
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AGUILERA DIEZ Maria Bego±a
2)DE VISSER Peter Christian
3)MULDERS Susan Allegonda Maria

(57) Abstract :
The current invention provides new compounds for treating delaying and/or preventing a human genetic disorder such as myotonic dystrophy type 1 (DM1) spino cerebellar ataxia 8 and/or Huntington s disease like 2 caused by expansions of CUG repeats in the transcripts of DM1/DMPK SCA8 or JPH3 genes.

No. of Pages : 78 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8552/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DNA VACCINE

(51) International classification :A61K39/00,A61K35/76,A61K39/29
(31) Priority Document No :2011091493
(32) Priority Date :15/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060099
Filing Date :13/04/2012
(87) International Publication No :WO 2012/141280
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)ANGES MG INC.
(72)**Name of Inventor :**
1)MORISHITA Ryuichi
2)NAKAGAMI Hironori
3)KORIYAMA Hiroshi
4)NAKAGAMI Futoshi
5)YOSHIDA Natsuki

(57) Abstract :
The present invention provides an agent for treating or remedying lifestyle related diseases the agent including an expression vector for encoding a chimeric hepatitis B virus core antigen polypeptide into which an amino acid sequence containing a specific epitope of a factor related to a lifestyle related disease has been inserted wherein the amino acid sequence containing the specific epitope is inserted between amino acid residues 80 and 81 of the hepatitis B virus core antigen polypeptide.

No. of Pages : 57 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3202/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING SERVICE

(51) International classification :H04W4/02,H04W88/18,G06Q50/10
(31) Priority Document No :1020110098937
(32) Priority Date :29/09/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/006639
Filing Date :21/08/2012
(87) International Publication No :WO 2013/048011
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KANG Tae young
2)JEON Hee chul
3)KIM Hye rin
4)PARK Da hye
5)CHOI Won young
6)HONG Seung hwan

(57) Abstract :
A method and apparatus for providing a service in a service providing device are provided. The method includes receiving from a terminal information about a wireless transmitter/receiver whose vicinity the terminal is located within; determining a differentiated service to be provided to the terminal according to the received information about the wireless transmitter/receiver; and providing the determined differentiated service to the terminal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3203/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TRAFFIC SYSTEM

(51) International classification :B61B13/00,B60L13/00,E01B25/28
(31) Priority Document No :2011277509
(32) Priority Date :19/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/079188
Filing Date :09/11/2012
(87) International Publication No :WO 2013/094336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)KANEMORI Toru
3)HOSHI Mitsuaki
4)SUZUKI Takahiro
5)MASUKAWA Masahisa
6)ASANOMA Toshiaki
7)KATAHIRA Kousuke

(57) Abstract :
A traffic system according to the present invention comprises a track further comprising a travel path which a vehicle travels and a guide part which is disposed along both sides of the travel path in the width direction thereof. The track is provided with a first interval in which the vehicle travels upon the track by being guided by the guide part and a second interval in which the vehicle travels upon the track by the steering of the vehicle proper.

No. of Pages : 57 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2014

(21) Application No.674/CHENP/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INDUCTIVELY COUPLED LOCAL PARALLEL TRANSMIT COIL FOR MRI THE ELEMENTS OF WHICH EACH INCLUDE A VARIABLE IMPEDANCE

(51) International classification	:G01R33/36,G01R33/561,G01R33/565
(31) Priority Document No	:61/509603
(32) Priority Date	:20/07/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2012/053439 :05/07/2012
(87) International Publication No	:WO 2013/011406
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)REYKOWSKI Arne

(57) Abstract :
A local radio frequency (rf) transmitting coil (26) of a magnetic resonance imaging system (5) has a plurality of coil elements (100). each coil element (100) has an adjustable load (62) which is adjusted by a control unit (60) to adjust a transmitted bfield distribution. the load can be adjusted to shim for a uniform b field distribution. non uniform b field distributions can be selected to perform magnetic resonance sequences that use such b field distributions such as parallel imaging. the b field distribution can be changed during the magnetic resonance sequence to track a moving region of interest time division multiplex parallel imaging and the like.

No. of Pages : 21 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8128/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR PREPARING CHLOROSILANES BY MEANS OF HIGH BOILING CHLOROSILANES OR CHLOROSILANE CONTAINING MIXTURES

(51) International classification :C01B33/107
(31) Priority Document No :10 2011 007 381.7
(32) Priority Date :14/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/053368
Filing Date :28/02/2012
(87) International Publication No :WO 2012/139807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)MH Ekkehard
2)RAULEDER Hartwig
3)SCHORK Reinhold

(57) Abstract :
The invention relates to a process for preparing chlorosilanes of the general formula HSiCl with n = 1 2 3 and/or 4 the process being characterized in that silicon in a silicon bed is reacted with Cl or HCl and with at least one silicon containing compound in a reactor.

No. of Pages : 14 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/10/2013

(21) Application No.8299/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MODULAR SOLAR BOX

(51) International classification :H01L31/042,H01L31/048
(31) Priority Document No :00943/11
(32) Priority Date :03/06/2011
(33) Name of priority country :Switzerland
(86) International Application No :PCT/EP2012/060179
Filing Date :30/05/2012
(87) International Publication No :WO 2012/163983
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)STANELLI Daniel
2)ZAHNER Markus
3)DA SILVA NETO Henrique Paulo

(57) Abstract :
The invention relates to a solar box (1) with a connection box (2) and at least one extension module (3 20) which can be operatively connected to the connection box (2) via a first and a second connector part (9 10) of a standardized interface (8). The connection box has a connection shaft (5) into which contacts (7) lead from a shaft wall (11). The contacts (7) and the standardized interface (9) are arranged on the same shaft side.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2013

(21) Application No.8571/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SEMICONDUCTOR NANOPARTICLE BASED MATERIALS FOR USE IN LIGHT EMITTING DIODES OPTOELECTRONIC DISPLAYS AND THE LIKE

(51) International classification :H01L33/50
(31) Priority Document No :1109054.5
(32) Priority Date :31/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/051218
Filing Date :31/05/2012
(87) International Publication No :WO 2012/164284
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)NAASANI Imad
2)PANG Hao
3)DANIELS Siobhan
4)FITZGERALD Emma
5)MCCAIRN Mark Christopher
6)WEBB David
7)HARRIS James

(57) Abstract :
The present invention relates to a formulation incorporating nanoparticles particularly quantum dot (QD) nanoparticles preferably comprising ions from groups 13 and 15 of the Periodic Table into an optically clear medium (resin) to be used as a phosphor material in lighting and display applications and as a down converting phosphor material in LEDs (light emitting diodes). The resin is compatible with QDs to allow high performance and stability of QD based LEDs lighting and display applications.

No. of Pages : 30 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2013

(21) Application No.8113/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VIRTUAL BIOS

(51) International classification :G06F9/24,G06F9/44
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/033476
Filing Date :21/04/2011
(87) International Publication No :WO 2012/145006
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MANN James M

(57) Abstract :
A virtual basic input output system can be selected from different virtual basic input output systems. The selection of the virtual basic input output system is by a controller and the selection can be based on a software stack or user interaction.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8605/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RADIO TERMINAL RADIO STATION CONTROL APPARATUS AND COMMUNICATION CONTROL METHOD IN RADIO COMMUNICATION SYSTEM

(51) International classification	:H04W16/00,H04W24/10,H04W88/02
(31) Priority Document No	:2011077928
(32) Priority Date	:31/03/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/001972 :22/03/2012
(87) International Publication No	:WO 2012/132340
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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1)FUTAKI Hisashi

(57) Abstract :
A radio terminal and a communication control method are provided by which measurement information accompanied by detailed location information is efficiently measured and reported to a network with a load on the terminal suppressed. The radio terminal which can communicate with a radio station requests a measurement instruction of the radio station performs measurement according to the measurement instruction received from the radio station and reports a result of the measurement and information regarding the location of the radio terminal to the radio station.

No. of Pages : 69 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8606/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR VOLUMETRIC METERING ON A SAMPLE PROCESSING DEVICE

(51) International classification :B01L3/00
(31) Priority Document No :61/487672
(32) Priority Date :18/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038478
Filing Date :18/05/2012
(87) International Publication No :WO 2012/158990
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LUDOWISE Peter D.
2)WHITMAN David A.
3)SMITH Jeffrey D.

(57) Abstract :
A system and method for volumetric metering on a sample processing device. The system can include a metering reservoir and a waste reservoir positioned in fluid communication with a first end of the metering reservoir to catch excess liquid from the metering reservoir that exceeds a selected volume. The system can further include a capillary valve in fluid communication with the second end of the metering reservoir to inhibit liquid from exiting the metering reservoir until desired. The method can include metering the liquid by rotating the sample processing device to exert a first force on the liquid that is insufficient to move the liquid into the capillary valve and rotating the sample processing device to exert a second force on the liquid that is greater than the first force to move the metered volume of the liquid to the process chamber via the capillary valve.

No. of Pages : 61 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8607/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SPIRO [1 3] OXAZINES AND SPIRO [1 4] OXAZEPINES AS BACE1 AND/OR BACE2 INHIBITORS

(51) International classification :C07D498/10,A61K31/537,A61P25/28
(31) Priority Document No :11167835.5
(32) Priority Date :27/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/059688
Filing Date :24/05/2012
(87) International Publication No :WO 2012/163790
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)NARQUIZIAN Robert
2)PINARD Emmanuel
3)WOSTL Wolfgang

(57) Abstract :
The present invention provides spiro [l 3] oxazines and spiro [l 4] oxazepines 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 : 111 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8608/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DUAL CAM RECLINER

(51) International classification :B60N2/02
(31) Priority Document No :102011078216.8
(32) Priority Date :28/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/US2012/040119
Filing Date :31/05/2012
(87) International Publication No :WO 2013/002943
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HERTLING Norbert
3)NOCK Eckhard

(57) Abstract :
A recliner for a vehicle seat has a load bearing cam that provides robustness for the recliner mechanism and an anti chucking cam that resists noise and vibration in the vehicle seat. The recliner includes a stationary plate that is secured to either the seat bottom or the seatback and a pivotal plate that is secured to the other part of the seat. The pivotal plate is pivotally connected to the stationary plate about a pivot axis. The pivotal plate has a set of radially inwardly extending gear teeth. A plurality of latches are provided that are pivotally connected to the pivotal plate. Pivot connectors are provided that are received in pivot recesses formed in the latches. The latches are provided with a set of radially outwardly extending gear teeth that are selectively engaged with the teeth of the pivotal plate. The load bearing cam and anti chucking cam together prevent disengagement of the teeth of the latches from the radially inwardly extending gear teeth of

No. of Pages : 16 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8307/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OFFSET TYPE AND COEFFICIENTS SIGNALING METHOD FOR SAMPLE ADAPTIVE OFFSET

(51) International classification :H04N7/26
(31) Priority Document No :61/484624
(32) Priority Date :10/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036562
Filing Date :04/05/2012
(87) International Publication No :WO 2012/154576
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)VAN DER AUWERA Geert
3)KARCZEWICZ Marta

(57) Abstract :
This disclosure describes techniques for performing sample adaptive offset signaling and coding in a video coding process. Techniques of the disclosure include both a merge based and prediction based signaling process for sample adaptive offset information (i.e. offset values and offset type). The techniques includes determining offset information for a current partition comparing the offset information of the current partition with offset information of one or more neighbor partitions coding a merge instruction in the case that the offset information of one of the one or more neighbor partitions is the same as the offset information of the current partition and coding one of a plurality of prediction instructions in the case that the offset information of the one or more neighbor partitions is not the same as the offset information of the current partition.

No. of Pages : 49 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/10/2013

(21) Application No.8309/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HIGHLY LUBRICATING SOLID LUBRICANT

(51) International classification :C10M103/06,C10M129/28,C10M171/06
(31) Priority Document No :2011069106
(32) Priority Date :28/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058003
Filing Date :27/03/2012
(87) International Publication No :WO 2012/133454
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KOMIYAMA Shinobu
2)SERITA Atsushi
3)MORI Kazuhiko

(57) Abstract :
[Problem] To provide a new technology whereby in a lubricating coating material having calcium sulfate as a base which has superior lubricating performance as a solid lubricant is not black in color has a low cost and is easy to obtain a sufficient quantity of organic lubricant and solid lubricant can sustain uniform functionality even microscopically even while being made into a thin film by means of coating and surface expansion of a steel material in plastic working. [Solution] The solid lubricant is characterized by being the result of causing the precipitation of the calcium salt of a fatty acid on the surface of calcium sulfate crystals.

No. of Pages : 48 No. of Claims : 4

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

(21) Application No.831/CHE/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STRUCTURE OF SUSPENSION FRAME

(51) International classification	:A47L
(31) Priority Document No	:2013-040635
(32) Priority Date	:01/03/2013
(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

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(72)**Name of Inventor :**
1)Taku SUMINO
2)Takehiro SHOJI

(57) Abstract :
[Problem to be Solved] To absorb, with deformation of a floor front end side, loads from the vehicle front direction and the like applied to the vehicle body front, efficiently transmit and disperse the loads in the vehicle rear direction and the like, and reduce deformation of the floor. [Solution] A structure of a suspension frame includes a pair of left and right side members 5 arranged a space apart from each other in the vehicle width direction and a suspension frame 10 configured to connect the pair of left and right side members 5. In the suspension frame 10, rear attachment sections 16a and front attachment sections 19a to the side members are provided as attachment sections to a vehicle body side. A rear arm 13 of the suspension frame 10 is formed in a curved shape, the center in the vehicle width direction of which projects toward the vehicle front direction. On the vehicle rear side of the suspension frame 10, a pair of left and right inner gussets 20 extending in an oblique front direction from both the left and right sides of a center tunnel section 9 provided in the center in the vehicle width direction of a vehicle body floor 8 is arranged. The outer ends in the vehicle width direction of the inner gussets 20 and the side members 5 are connected around the rear attachment sections 16a to the side members 5 located at both the left and right ends of the suspension frame 10.

No. of Pages : 30 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8610/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR DETERMINING POSITION PARAMETERS OF A MANUFACTURED SURFACE RELATIVE TO A REFERENCE SURFACE

(51) International classification :B24B13/00,B24B49/00,B24B51/00
(31) Priority Document No :11305581.8
(32) Priority Date :13/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058806
Filing Date :11/05/2012
(87) International Publication No :WO 2012/156322
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ALLIONE Pascal
3)STEIGELMANN Daniel

(57) Abstract :
Process implemented by computer means for determining position parameters defining the relative position of a manufactured derivable surface relative to a reference surface the process comprising: a nominal surface providing step (S1) a measured surface providing step (S2) a deformation surface providing step (S3) a composed surface determining step (S4) and a parameters determining step (S5) during which the position parameters and at least one deformation parameter defining the deformation surface are determined by minimizing the difference between the nominal surface and the composed surface.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013
(21) Application No.8023/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELEVATOR DEVICE AND CONTROL METHOD THEREFOR

(51) International classification :B66B5/12,B66B5/02
(31) Priority Document No :2011280108
(32) Priority Date :21/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/082814
Filing Date :18/12/2012
(87) International Publication No :WO 2013/094612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An elevator device wherein a suspension body abnormality detection device detects breakage or stretching of a suspension body from which a cage is suspended as an abnormality of the suspension body. Further the suspension body abnormality detection device performs detection by distinguishing whether the degree of abnormality of the suspension body is of a first level or of a second level which is higher than the first level. When a first level abnormality of the suspension body has occurred the elevator control device moves the cage to any of the floors at which the elevator stops and then moves the cage to a position separated by more than a prescribed distance from the structure below.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.8025/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FRUIT BASED FOOD PRODUCT

(51) International classification :A23G3/00,A23L1/00,A23L1/212
(31) Priority Document No :11305420.9
(32) Priority Date :08/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056477
Filing Date :10/04/2012
(87) International Publication No :WO 2012/136855
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BELOUIN Fran§ois
3)BOISSIEU Charlotte
4)FLATIN Jean Pierre

(57) Abstract :
The present disclosure concerns a bite size food product comprising a) a plastic solid soft fruit based centre in the form of a 3 dimensional solid of revolution having: an Aw of between 0.28 and 0.85; and a fat content of less than 14% by weight based on the total weight of the fruit based centre and b) a layer of a chocolate or chocolate like composition coating the fruit based centre wherein the fruit based centre is about 40 75% by weight of the total weight of the food product.

No. of Pages : 42 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.8026/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FOOD PRODUCT

(51) International classification :A23G3/00,A23L1/00,A23L1/212
(31) Priority Document No :11305421.7
(32) Priority Date :08/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056476
Filing Date :10/04/2012
(87) International Publication No :WO 2012/136854
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present disclosure relates to a bite size food product comprising a) a plastic solid soft centre b) a layer of a chocolate or chocolate like composition coating the centre c) a layer of individual crispy pieces fully covering the chocolate or chocolate like composition layer the food product having a fat content of between 4 and 24% by weight based on the total weight of the food product the soft centre having an Aw of between 0.28 and 0.6 a fat content of less than 14% by weight based on the total weight of the centre and forming 40 76% by weight of the food product.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/10/2013

(21) Application No.8028/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REDUCING ENERGY CONSUMPTION IN WIRELESS DEVICES

(51) International classification :H04B1/06,G06F1/32
(31) Priority Document No :61/473356
(32) Priority Date :08/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032448
Filing Date :06/04/2012
(87) International Publication No :WO 2012/138947
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Techniques are provided for reducing power consumption in wireless communication devices. During an idle listening period the clock rate of the receiver in the device is reduced. Data packets received by the receiver are then sampled at the reduced clock rate. A determination is made as to whether the data packet is intended for the device. The clock rate is restored to the full clock rate when the data packet is intended for the device. On the other hand the receiver continues to operate at the reduced clock rate when the data packet is not intended for the device.

No. of Pages : 47 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8625/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OVER MOLDED ROTATIONALLY COUPLED ASSEMBLIES

(51) International classification :A61M16/08,B29C45/00,B29C45/14
(31) Priority Document No :61/476444
(32) Priority Date :18/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051752
Filing Date :11/04/2012
(87) International Publication No :WO 2012/143819
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)STARTARE Anthony Vincent
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4)ANDREWS Derrick Blake

(57) Abstract :
An assembly (22 50 60 100 110 130) including a first component (30 54 70 112 132) and a second component (40 56 80 120 140) movably coupled to the first component. The second component is formed about and coupled to at least a portion of the first component via an over molding process.

No. of Pages : 23 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8626/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SEMICONDUCTOR SWITCH WITH RELIABLE BLACKOUT BEHAVIOR AND LOW CONTROL POWER

(51) International classification :H03K17/687,H03K17/691
(31) Priority Document No :11162774.1
(32) Priority Date :18/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051741
Filing Date :10/04/2012
(87) International Publication No :WO 2012/143815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)DEPPE Carsten

(57) Abstract :
The present invention relates to a bidirectional semiconductor switch (M1 M2) with extremely low control power consumption and a bootstrap circuit which allows reliable start of operation of the switch and the hosting device after unlimited duration of mains interruptions. Intelligent control options are provided by operating from a small energy storage and no extra means are required to recover from a depleted energy storage condition. The absence of audible noise and mechanical wear also enables more frequent recharging cycles and allows smaller and thus cheaper energy storage components.

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

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

(21) Application No.8471/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING A USER INTERFACE IN ASSOCIATION WITH A RECOMMENDER SERVICE

(51) International classification :G06F17/30
(31) Priority Document No :13/083085
(32) Priority Date :08/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2012/050190
Filing Date :24/02/2012
(87) International Publication No :WO 2012/136879
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A method for providing a user interface in connection with a recommendation service may include causing communication of a request for content where the request includes context information and preference information associated with a user of a device causing communication of the request receiving a response to the request in response to the request being serviceable where the response includes a series of recommendations serialized in protocol specific data structure and causing rendering of content associated with the recommendations as graphical tiles according to the protocol specific data structure such that a plurality of recommendations associated with a same primary context are associated with each other in a common channel. An apparatus and computer program product corresponding to the method are also provided.

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8630/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AMBIENCE RENDERING CONTROL SYSTEM

(51) International classification :H05B37/02
(31) Priority Document No :11162374.0
(32) Priority Date :14/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051736
Filing Date :10/04/2012
(87) International Publication No :WO 2012/140563
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VAN LOENEN Evert Jan
4)FLINSENBERG Ingrid Christina Maria
5)VAN SCHIJNDEL Nicolle Hanneke

(57) Abstract :
The present invention relates to a method of operating an ambience control system (10) comprising an ambience rendering system (14) configured to adapt the ambience in an area (16) so as to establish a current ambience state a data storage (12) comprising data relating to occurrence of events and ambience states each of the events being associated with a specific ambience state and a processor configured to determine estimated time to next event based on the data relating to occurrence of events provided that the next event relates to an ambience state different from the current ambience state the ambience rendering system (14) (10) being configured to gradually adapt the ambience in the area (16) to match the next ambient state the method comprising determining current ambience state determining estimated time to next event and operating the area (16) ambience system (10) based on the estimated time to next event. The present invention further relates to an ambience control system (10) comprising a data storage (12) comprising data relating to occurrence of events and ambience states the events being associated with a specific ambience state an ambience rendering system (14) configured to adapt the ambience in an area (16) corresponding to the specific ambience state a processor configured to determine estimated time to next event based on the data relating to occurrence of event provided that the next event relates to an ambience state being different from the current ambience state the area ambience system being configured to gradually adapt the ambience in the area (16) to match the next ambient state.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8631/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD TO TRIGGER BREATHING RESPONSE FOR THE REDUCTION OF ASSOCIATED ANXIETY

(51) International classification :A61M21/02,A63B23/18
(31) Priority Document No :11162367.4
(32) Priority Date :14/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051593
Filing Date :02/04/2012
(87) International Publication No :WO 2012/140538
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)VOGT J¼rgen
4)SAALBERG SEPPEN Constance Jeanne Elizabeth
5)VAN ELSWIJK Gijs Antonius Franciscus

(57) Abstract :
The present invention relates to a system (10) comprising a display unit (12) configured for displaying video and/or still images an image source (14) in communication with the display unit (12) so as to allow content of the image source (14) to be displayed on the display unit (12) a physiological information gathering unit (16) configured to obtain current physiological information of a patient when the patient is positioned to see the video and/or still image on the display unit (12) a processor (18) for receiving current physiological information from the physiological information gathering unit (16) the processor (18) being in communication with the image source (14) the processor (18) being configured to transmit to the display unit (12) a combination of the current physiological information and a target breathing rate. Further the present invention relates to a respective method (36) for using the system (10).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8632/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VACUUM CLEANING DEVICE

(51) International classification :A47L9/04
(31) Priority Document No :11162421.9
(32) Priority Date :14/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051678
Filing Date :05/04/2012
(87) International Publication No :WO 2012/140548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)LAMMERS Jeroen Herman
5)VAN DER WOUDE Ren Henk

(57) Abstract :
A vacuum cleaning device comprises a unit (1) for aerodynamically affecting dust particles and/or a surface to be cleaned. The unit (1) comprises a housing (30) having a housing wall (31) encompassing two internal sections (20 22) and a movable surface (11) arranged at an interface of the two sections (20 22) wherein a portion (32) of the housing wall (31) delimiting a first section (20) is provided with at least one opening (21) and wherein means for actuating the movable surface (11) are arranged in a second section (22). A portion (33) of the housing wall (31) delimiting the second section (22) is adapted to at least hinder exchange of air between an inside of this section (22) and an outside of the housing (30) at the location of this section (22) in order to at least hinder a migration of dust to the second section (22).

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8633/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STEPPED ALARM METHOD FOR PATIENT MONITORS

(51) International classification :A61B5/00,G08B21/02
(31) Priority Document No :61/475453
(32) Priority Date :14/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051654
Filing Date :04/04/2012
(87) International Publication No :WO 2012/140547
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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11)SAEED Mohammed
12)CAO Hanqing

(57) Abstract :
A system (202) generates patient alarms using a stepped alarm scheme. The system (202) includes one or more processors (220) programmed to receive physiological scores and/or physiological parameter values; compare the physiological scores and/or the physiological parameter values to a plurality of alarm levels; in response to a physiological score and/or physiological parameter value falling within an uninhibited zone of the alarm levels issue an alarm; and set a first inhibition period for the uninhibited alarm level after issuing the alarm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8634/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROBIOTIC BACTERIAL STRAINS AND SYMBIOTIC COMPOSITION CONTAINING THE SAME INTENDED FOR INFANT FOOD

(51) International classification :C12N1/20,A61K35/74,C12R1/01
(31) Priority Document No :MI2011A000793
(32) Priority Date :09/05/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2012/000897
Filing Date :09/05/2012
(87) International Publication No :WO 2013/050833
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MOGNA Luca

(57) Abstract :
The present invention relates to a selection of probiotic strains belonging to the genus Bifidobacterium and to a symbiotic composition containing the same intended for feeding infants.

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8635/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR DETERMINING THE PRESENCE OR ABSENCE OF A BIOMARKER

(51) International classification :G01N33/553,G01N33/569
(31) Priority Document No :1107557.9
(32) Priority Date :06/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050978
Filing Date :04/05/2012
(87) International Publication No :WO 2012/153111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GWENIN Vanessa Valerie
4)PITTS Mark

(57) Abstract :
A method of determining the presence or absence in a sample of a biomarker the method comprising: (a) linking an antigen to colloidal gold to provide a gold antigen species; (b) contacting the gold antigen species with the sample; (c) adding a diagnosis agent to the sample; and (d) observing the colour of the sample.

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8636/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADHESIVE BACKED HYBRID CABLING FOR IN BUILDING TELECOMMUNICATION AND WIRELESS APPLICATIONS

(51) International classification :H02G3/04
(31) Priority Document No :61/481820
(32) Priority Date :03/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034773
Filing Date :24/04/2012
(87) International Publication No :WO 2012/151081
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SHOEMAKER Curtis L.

(57) Abstract :
An adhesive backed hybrid cabling duct comprises a main body having at least one conduit portion with a bore formed throughout that is sized to accommodate one or more communication lines disposed therein. The duct also includes a flange to provide support for the duct as it is mounted to a mounting surface wherein the flange includes a channel formed therein configured to receive a substantially rectangular shaped cable. The duct also includes an adhesive layer to mount the duct to the mounting surface. The adhesive backed hybrid cabling duct provides for multiple channels of RF/cellular traffic to be distributed to different locations within a building.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8637/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THERMOPLASTIC RESIN COMPOSITE CONTAINING HOLLOW GLASS MICROSPHERES

(51) International classification :C08L77/00,C08K7/28,C08K9/06
(31) Priority Document No :2011102637
(32) Priority Date :02/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/US2012/035939
Filing Date :01/05/2012
(87) International Publication No :WO 2012/151178
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A thermoplastic resin composite with improved specific flexural strength and a molded body containing the thermoplastic resin composite. A thermoplastic resin composite containing a resin component which is a polyamide resin or polypropylene resin and hollow glass microspheres wherein the hollow glass microspheres are surface treated with from 0.5 to 3 mass % of a silane coupling agent and from 1 to 5 mass % of a synthetic resin emulsion based on 100 mass % of hollow glass microspheres.

No. of Pages : 23 No. of Claims : 6

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

(21) Application No.8507/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MAGNETIC RESONANCE GUIDANCE OF A SHAFT TO A TARGET ZONE

(51) International classification :G01R33/28,A61B5/055
(31) Priority Document No :11161457.4
(32) Priority Date :07/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051661
Filing Date :04/04/2012
(87) International Publication No :WO 2012/137148
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)UHLEMANN Falk

(57) Abstract :
A medical apparatus (1100) comprising a magnetic resonance imaging system and an interventional device (300) comprising a shaft (302 1014 1120). The medical apparatus further comprises a toroidal magnetic resonance fiducial marker (306 600 800 900 1000 1122) attached to the shaft. The shaft passes through a center point (610 810 908 1006) of the fiducial marker. The medical apparatus further comprises machine executable instructions (1150 1152 1154 1156 1158) for execution by a processor. The instructions cause the processor to acquire (100 200) magnetic resonance data to reconstruct (102 202) a magnetic resonance image (1142) and to receive (104 204) the selection of a target volume (1118 1144 1168). The instructions further cause the processor to repeatedly: acquire (106 206) magnetic resonance location data (1146) from the fiducial marker and render (108 212) a view (1148 1162) indicating the position of the shaft relative to the target zone..

No. of Pages : 43 No. of Claims : 15

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

(21) Application No.8508/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SAFETY IN DYNAMIC 3D HEALTHCARE ENVIRONMENT

(51) International classification :G05B19/406,G06T17/00
(31) Priority Document No :11305396.1
(32) Priority Date :06/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051550
Filing Date :30/03/2012
(87) International Publication No :WO 2012/137116
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)DEN HARTOG Markus Johannes Harmen
4)MORVAN Yannik
5)VAN DE MOLENGRAFT Marinus Jacobus Gerardus

(57) Abstract :
The present invention relates to safety in a dynamic 3D healthcare environment. The invention in particular relates to a medical safety system for dynamic 3D healthcare environments a medical examination system with motorized equipment an image acquisition arrangement and a method for providing safe movements in dynamic 3D healthcare environments. In order to provide improved safety in dynamic 3D healthcare environments with a facilitated adaptability a medical safety system (10) for dynamic 3D healthcare environments is provided comprising a detection system (12) a processing unit (14) and an interface unit (16). The detection system comprises at least one sensor arrangement (18) adapted to provide depth information of at least a part of an observed scene (22). The processing unit comprises a correlation unit (24) adapted to correlate the depth information. The processing unit comprises a generation unit (26) adapted to generate a 3D free space model (32). The interface unit is adapted to provide the 3D free space model.

No. of Pages : 27 No. of Claims : 13

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

(21) Application No.8509/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A STEAM IRON

(51) International classification :D06F75/10,D06F75/14,D06F75/18
(31) Priority Document No :11160948.3
(32) Priority Date :04/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051419
Filing Date :26/03/2012
(87) International Publication No :WO 2012/137095
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JIANG Yong
4)CHUA Hee Keng

(57) Abstract :
Steam irons are known which provide steam to a fabric of a garment to be pressed through holes in a sole plate. The present invention relates to a steam iron comprising a main body (2) a steam generating unit (6) and a sole portion (4). The sole portion (4) comprises a steam cavity (20) and an outer rim (19) extending around the steam cavity (20) the outer rim (19) having a fabric contact surface (22) and the steam cavity (20) having a permeable element (42) disposed therein. Therefore steam supplied into the steam cavity (20) from the steam generating unit (6) is supplied to a fabric to be pressed when the fabric contact surface (22) is located against said fabric.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8658/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GLUCOSE PREDICTOR BASED ON REGULARIZATION NETWORKS WITH ADAPTIVELY CHOSEN KERNELS AND REGULARIZATION PARAMETERS

(51) International classification :G06F19/00,A61B5/145
(31) Priority Document No :11163219.6
(32) Priority Date :20/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/057260
Filing Date :20/04/2012
(87) International Publication No :WO 2012/143505
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MCKENNOCH Samuel
3)PEREVERZYEV Sergei
4)SAMPATH Sivananthan

(57) Abstract :
The invention relates to a method and a device for predicting a glycaemic profile of a subject. A multistage algorithm is employed comprising a prediction setting stage specifying a functional space for the prediction and a prediction execution stage specifying a predicted future glycaemic state of the subject in the functional space as a continuous function of time.

No. of Pages : 93 No. of Claims : 26

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

(21) Application No.8204/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIND TURBINE BLADE COMPRISING CYLINDRICAL METAL INSERTS IN A ROOT REGION THEREOF

(51) International classification :F03D1/06,F01D5/28,B29C70/86
(31) Priority Document No :11161896.3
(32) Priority Date :11/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056533
Filing Date :11/04/2012
(87) International Publication No :WO 2012/140049
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HORNBLOW Benjamin

(57) Abstract :
A wind turbine blade for a wind turbine is a shell structure of a fibre reinforced composite and comprises a root region and an airfoil region. The root region has a ring shaped cross section and comprises a cylindrical insert 7 embedded in the fibre reinforced polymer so as to substantially follow the circumference of the root region. The cylindrical insert is provided with a number of mutually spaced threaded bores 12 15 in a first end 9 thereof being accessible from the outside.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/10/2013

(21) Application No.8365/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : 2 SUBSTITUTED NUCLEOSIDE DERIVATIVES AND METHODS OF USE THEREOF FOR THE TREATMENT OF VIRAL DISEASES

(51) International classification :A01N43/08,A61K31/34
(31) Priority Document No :61/475068
(32) Priority Date :13/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033017
Filing Date :11/04/2012
(87) International Publication No :WO 2012/142085
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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9)DANG Qun
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11)OLSEN David B.
12)STAMFORD Andrew
13)VACCA Joseph P.

(57) Abstract :
The present invention relates to 2 Substituted Nucleoside Derivatives of Formula (I): and pharmaceutically acceptable salts thereof wherein A B X R R and Rare as defined herein. The present invention also relates to compositions comprising at least one 2 Substituted Nucleoside Derivative and methods of using the 2 Substituted Nucleoside Derivatives for treating or preventing HCV infection in a patient.

No. of Pages : 153 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.8366/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL GLUCAGON ANALOGUES

(51) International classification :A61K38/26,A61K47/48,C07K14/605
(31) Priority Document No :11159967.6
(32) Priority Date :28/03/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/055481
Filing Date :28/03/2012
(87) International Publication No :WO 2012/130866
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KRUSE Thomas
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(57) Abstract :
The present invention relates to novel glucagon peptides with improved stability and solubility at neutral pH to the use of the compounds in therapy to methods of treatment comprising administration of the compounds to patients in need thereof and to the use of the compounds in the manufacture of medicaments. The glucagon peptides of the invention are of particular interest in relation to the treatment of hyperglycemia diabetes and obesity as well as a variety of diseases or conditions associated with hyperglycemia diabetes and obesity.

No. of Pages : 140 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8660/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR THE PREPARATION OF DEUTERATED COMPOUNDS CONTAINING N ALKYL GROUPS

(51) International classification :C07B59/00
(31) Priority Document No :11305634.5
(32) Priority Date :23/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/059344
Filing Date :21/05/2012
(87) International Publication No :WO 2012/160015
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)MICHALIK Dirk

(57) Abstract :
The present invention relates to a process for deuteration of amines in the alpha and/or beta position of the N atom by using a deuterium source and a Ruthenium(II) based catalyst.

No. of Pages : 56 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8661/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ABLATION CATHETER WITH BALLOON

(51) International classification :A61B18/12,A61M25/10
(31) Priority Document No :2011128052
(32) Priority Date :08/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064752
Filing Date :08/06/2012
(87) International Publication No :WO 2012/169607
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TAKAOKA Motoki
3)MATSUKUMA Akinori
4)YAGI Takahiro

(57) Abstract :
The present invention has the objective of providing an ablation catheter with balloon which achieves together a decrease in diameter of the balloon at balloon contraction time and increase in reliability of a thermocouple temperature sensor and simultaneously is resistant to being affected by a heating liquid delivered to within the balloon and is capable of controlling balloon surface temperature with high precision. The present invention is an ablation catheter with balloon which is provided with a shaft having a lumen a balloon such that the lumen is in communication with the interior of the balloon and a high frequency current delivering electrode which is formed by winding a high frequency power supply lead wire into a coil around the shaft while sandwiching a temperature sensor lead wire between the high frequency power supply lead wire and the shaft so that the temperature sensor lead wire is fixed along the long axis direction of the shaft. A thermocouple temperature sensor is formed at a point where the high frequency power supply lead wire and the temperature sensor lead wire which configure the high frequency current delivering electrode first come into tactile contact as viewed from the rear end side in the long axis direction.

No. of Pages : 28 No. of Claims : 4

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

(21) Application No.8224/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIGHT SOURCE LAMP AND METHOD FOR MANUFACTURING A LIGHT SOURCE

(51) International classification :F21V3/02,F21K99/00,F21Y101/02
(31) Priority Document No :61/470597
(32) Priority Date :01/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/056000
Filing Date :02/04/2012
(87) International Publication No :WO 2012/131108
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DEKKER Martijn Jeroen

(57) Abstract :
The invention relates to an LED light source comprising a light unit and a hollow curved cap (20) covering the light unit. The light unit comprises a plurality of light emitting diodes (LEDs) (3) distributed in the form of a spatial arrangement having a center position. The plurality of LEDs includes at least two different types of LEDs. Each type of LED is arranged for the emission of radiation within a different wavelength range. The cap is substantially transparent for radiation emitted by the light unit. The cap is further provided with an axially symmetric protrusion (22) forming a depression (21) in the exterior of the cap. The symmetry axis of the protrusion substantially coincides with the center position of the spatial arrangement of the plurality of LEDs.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.8390/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WHITE BALANCE OPTIMIZATION WITH HIGH DYNAMIC RANGE IMAGES

(51) International classification :G06T5/40,H04N1/407,H04N5/235
(31) Priority Document No :13/088936
(32) Priority Date :18/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034105
Filing Date :18/04/2012
(87) International Publication No :WO 2012/145415
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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4)LIANG Liang

(57) Abstract :
Systems and methods to improve the white balance of a high dynamic range image are disclosed. In a particular embodiment an imaging device includes a camera sensor and a processor the processor configured to capture a lighter image and a darker image of a scene. The processor is then configured to white balance the lighter image based on the lighter regions of the image and to white balance the darker image based on the darker regions of the image. The two images can then be combined to produce a final image.

No. of Pages : 45 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8531/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A LUMINESCENT CONVERTER A PHOSPHOR ENHANCED LIGHT SOURCE OR A LUMINAIRE HAVING A CRI LARGER THAN 80

(51) International classification	:C09K11/06,C09K11/77,H05B33/14
(31) Priority Document No	:11162040.7
(32) Priority Date	:12/04/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2012/051621 :03/04/2012
(87) International Publication No	:WO 2012/140542
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)KRIEGE Jan Cornelis

(57) Abstract :
A luminescent converter 200 220 240 260 a phosphor enhanced light source and a luminaire are provided. The luminescent converter 200 comprises a first organic luminescent material 202 a second organic luminescent material 208 and a third inorganic luminescent material 206. The first organic luminescent material202 the second organic luminescent material 208 and the inorganic luminescent material 206 absorb a portion of light emitted by the light source and/or absorbs a portion of light emitted by at least one of the other luminescent materials. The first organic luminescent material 202 converts at least a part of the absorbed light into light of a first color distribution. The second organic luminescent material 208 converts at least a part of the absorbed light into light of a second color distribution. The inorganic luminescent material 206 converts at least a part of the absorbed light into a third color distribution to compensate self absorption of light by at least one of the first organic luminescent material 202 and the second organic luminescent material 208.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.8677/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LED LAMP COMPRISING AN LED AS THE LUMINAIRE AND A GLASS OR PLASTIC LAMPSHADE

(51) International classification :F21V29/00,F21K99/00
(31) Priority Document No :102011006724.8
(32) Priority Date :04/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/055745
Filing Date :30/03/2012
(87) International Publication No :WO 2012/136578
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)THIMM Alfred

(57) Abstract :
The invention relates to an LED lamp (10) comprising at least one LED (3) as the luminaire a ceramic base (1) and a ceramic supporting body (2) arranged on the base (1) and having a supporting surface (2a) for accommodating the LEDs (3) and further comprising a light permeable lampshade (5) which is fixed on the supporting body (2) and put on the supporting surface (2a) sintered metalized sections which form a circuit board being arranged on the supporting surface (2a) for the LEDs (3) to be soldered to and optionally for applying a corresponding circuit (7) thereto. In order for the light emitted by the LEDs to be influenced and guided by simple means the lampshade (5) has a cupola dome or bonnet design and consists of glass or plastic.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/09/2012

(21) Application No.8374/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING LITHOGRAPHIC PRINTING PLATE

(51) International classification :B41C1/10,B41N1/14,G03F7/00
(31) Priority Document No :2010079921
(32) Priority Date :30/03/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/056634
Filing Date :18/03/2011
(87) International Publication No :WO 2011/122378
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SONOKAWA Koji

(57) Abstract :
Provided is a method for producing a lithographic printing plate for UV exposure via a lithographic film and for on machine development using an on machine development type lithographic printing plate original capable of image exposure by an infrared laser wherein plate durability and on machine development capability are good gas is not released during on machine development and vacuum adhesion with a lithographic film is good. The a method for producing a lithographic printing plate comprises the steps of: (1) preparing a lithographic printing plate original which is capable of image formation using a semiconductor laser that emits infrared rays having a wavelength of 760 to 1 200 nm and which comprises in succession a supporting body and an image recording layer containing a cyanine dye a diphenyl iodonium salt or triphenyl sulfonium salt in which the phenyl groups are optionally substituted a radical polymerizable compound and polymer microparticles having a polyoxyalkylene side chain; (2) placing a lithographic film on the lithographic printing plate original and reducing pressure such that the lithographic film adheres closely to the lithographic printing plate original; (3) performing UV exposure; and (4) performing on machine development.

No. of Pages : 65 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8529/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RFID TAG ASSEMBLY AND LABEL PROCESS

(51) International classification :G06K19/02,G06K19/18,H01Q1/22
(31) Priority Document No :2011901095
(32) Priority Date :24/03/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000305
Filing Date :23/03/2012
(87) International Publication No :WO 2012/126063
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)COMBES Francois

(57) Abstract :
A tag assembly is disclosed for attaching an RFID tag including a primary antenna to a flexible surface such as fabric textile or an item of clothing. The tag assembly has a receptacle including a frame (10) for securely holding the RFID tag (70) a secondary antenna and attachment means for attaching the frame to the surface wherein the frame forms part of the secondary antenna. A method of attaching an RFID tag to a flexible surface is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.8688/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIGHT OUTPUT PANEL AND DEVICE HAVING THE SAME

(51) International classification	:G09G3/32,H01L27/32,H04N13/00
(31) Priority Document No	:11162994.5
(32) Priority Date	:19/04/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2012/051746 :10/04/2012
(87) International Publication No	:WO 2012/143817
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
The invention provides a panel comprising a first light emitting area (1) for providing light of a first color and a second light emitting area (2) for providing light of a second color different from the first color the first and second light emitting areas being separated from each other by a first spacing (3) along a first spacing axis (5) perpendicular to a normal of the panel wherein the first spacing (3) is smaller than 5 micrometer. Preferably The Width (4) of the at least one of the light emitting areas is also smaller than 5 micrometer. As these spacings and/or dimensions approach the wavelength of light emitted by the light emitting areas the boundaries between these arreas become blurred or even the areas become indistinguishable from each other due to mixing. A Panel of the invention can be advantageously used in lighting and or display devices in particular those that magnify the light emitting areas towards their users such as autostereoscopic displays having lenticular lens arrangments.

No. of Pages : 65 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.8689/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MOTION TRIGGERED MR IMAGING USING APT/CEST

(51) International classification :G01R33/567,G01R33/56
(31) Priority Document No :11163003.4
(32) Priority Date :19/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051598
Filing Date :02/04/2012
(87) International Publication No :WO 2012/143808
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KEUPP Jochen

(57) Abstract :
The invention relates to a method of MR imaging of a moving portion of a body (10) the method comprising the steps of: detecting a motion signal (MS) from the body (10) while continuously subjecting the portion of the body (10) to one or more preparation RF pulses; subjecting the portion of the body (10) to an imaging sequence comprising at least one excitation RF pulse and switched magnetic field gradients wherein the imaging sequence is triggered by the detected motion signal (MS); acquiring MR signals from the portion of the body (10); and reconstructing a MR image from the acquired MR signals.

No. of Pages : 16 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.8392/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TRANSPARENT ELECTRIC CONDUCTOR

(51) International classification :H01B1/08,H05B33/28,H01L31/0224
(31) Priority Document No :1153653
(32) Priority Date :28/04/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/057661
Filing Date :26/04/2012
(87) International Publication No :WO 2012/146661
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SINGH Laura Jane
2)NICOLAS David
3)CHIKYOW Toyohiro
4)PARK Seunghwan
5)UMEZAWA Naoto

(57) Abstract :
This transparent electric conductor comprises titanium oxide doped with aluminum and at least one other dopant: either in the form TiAlXO where X is a dopant or a mixture of dopants selected from the group consisting of Nb Ta W Mo V Cr Fe Zr Co Sn Mn Er Ni Cu Zn and Sc is in the range 0.01 to 0.50 and is in the range 0.01 to 0.15; or in the form TiAlFO where is in the range 0.01 to 0.50 and c is in the range 0.01 to 0.10. With the above composition the electrical conductivity and the light transmittance are suitable for use of the transparent electric conductor in various applications in particular as a transparent electrode of an electronic device.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.8398/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TARGETED MARKETING SYSTEM AND METHOD

(51) International classification :G06Q30/00
(31) Priority Document No :61/470481
(32) Priority Date :31/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031765
Filing Date :31/03/2012
(87) International Publication No :WO 2012/135797
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SMITH Linda

(57) Abstract :
A system and method are provided for targeting marketing content to a user. A user s photographic likeness in some embodiments as a still image live moving image or animated moving image are altered to simulate the application of selected marketing content onto the photographic likeness. The marketing content is selected from a set of marketing content comprising input color marketing content associated with an advertisement or marketing content associated with a set of search results. The marketing content is selected based on a comparison of a user profile to target profiles of the set of marketing content.

No. of Pages : 66 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2013

(21) Application No.8399/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INVERTER FOR DRIVING MOTOR

(51) International classification :H02M7/48,H02M7/493,H02P27/06
(31) Priority Document No :2011080557
(32) Priority Date :31/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/057626
Filing Date :23/03/2012
(87) International Publication No :WO 2012/133241
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)YASUDA Akira
2)OKAMURA Jun ichi

(57) Abstract :
Provided as one embodiment of the present invention is an inverter that generates a plurality of alternating signals to be supplied to a motor that has a plurality of phases and a plurality of coils arranged at each of the phases. The inverter is a motor driving inverter characterized in comprising: a multi level pulse density modulator that modulates signals that fluctuate periodically and control the rotation of the motor; and a plurality of switching elements that generate each of the plurality of alternating signals by being selected and by having the ON/OFF of a direct current controlled by the output signals of the pulse density modulator.

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2013

(21) Application No.8560/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PIPELINE BUNDLING ASSEMBLY MOULD ASSEMBLY AND METHOD FOR BUNDLED PLACEMENT OF PIPELINES

(51) International classification :F16L3/237
(31) Priority Document No :2006613
(32) Priority Date :15/04/2011
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2012/050240
Filing Date :12/04/2012
(87) International Publication No :WO 2012/141583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)VAN BELKOM Arnoldus

(57) Abstract :
A pipeline bundling assembly (1) for holding a first pipeline (11) and a second pipeline (12) parallel at a distance from each other comprises a basic element (2) and a covering element (3). The basic element and the covering element comprise mutually cooperating snap connection elements. The basic element and the covering element have outer surface structures which are designed to permit the covering element to be brought as desired from at least a first placement condition and a second placement condition into a covering condition wherein a first intermediate space in the first placement condition is greater than a second intermediate space in the second placement condition.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.8712/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMMUNOSTIMULATORY OLIGODEOXYNUCLEOTIDES

(51) International classification	:C12N15/117,A61K39/39,C12Q1/68
(31) Priority Document No	:11167602.9
(32) Priority Date	:26/05/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2012/059797 :25/05/2012
(87) International Publication No	:WO 2012/160183
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SCHRIER Carla Christina
2)ILG Thomas Simon

(57) Abstract :
The present invention relates to immunostimulatory oligodeoxynucleotides vectors and vaccines comprising such oligodeoxynucleotides to their use as a medicament to their use in preventing or combating infectious disease to methods for the detection of such oligodeoxynucleotides and to cells to be used in these methods.

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8116/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIND TURBINE BLADE WITH ELONGATED FASTENING MEMBERS IN THE ROOT REGION THEREOF

(51) International classification :B29C70/86,F01D5/28,F03D1/06
(31) Priority Document No :11161909.4
(32) Priority Date :11/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056523
Filing Date :11/04/2012
(87) International Publication No :WO 2012/140043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LM WP PATENT HOLDING A/S
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(72)**Name of Inventor :**
1)DAHL Martin

(57) Abstract :
A wind turbine blade for a wind turbine is a shell structure of a fibre reinforced composite and comprises a root region and an airfoil region. The root region has ring shaped cross section and comprises a plurality of elongated bushings 7 with an inner thread 22 and embedded interspaced in the fibre reinforced polymer so as to substantially follow the circumference of the root region and allow access from the outside to the inner threads. Each fastening member 7 is provided with a notch 60 in the periphery 11 thereof. A rod shaped locking element 61 passes through the notch 60 in engagement therewith. The locking element 61 is fixedly and tightly fitting arranged in a through going circular bore 65 extending through the wall of the root region.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8117/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LAYERED ELECTRONIC DEVICE

(51) International classification :H01L51/52,H01L31/0216,H01L31/0224
(31) Priority Document No :1153109
(32) Priority Date :08/04/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/050756
Filing Date :06/04/2012
(87) International Publication No :WO 2012/143648
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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Address of Applicant :18 Avenue dAlsace F 92400 Courbevoie France
(72)**Name of Inventor :**
1)THOUMAZET Claire
2)PYTHON Martin
3)LEYDER Charles

(57) Abstract :
The invention relates to a device which includes an organic polymer layer (1) and an electrode (3) positioned against the polymer layer the electrode (3) consisting of a transparent stack of thin films including an alternation of n metal thin films (31) and (+ 1) antiglare coatings (M)) where = 1 wherein each metal thin film is arranged between two antiglare coatings (M). At least one of the two antiglare coatings located at the ends of the stack constituting the electrode (3) comprises a gas and moisture barrier stack (B) the densities of the layers of said or each barrier stack alternating between a lower density and a higher density.

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8118/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR RANGE EXTENSION OF WIRELESS COMMUNICATION IN SUB GIGAHERTZ BANDS

(51) International classification :H04L7/04,H04L25/02,H04W56/00
(31) Priority Document No :61/475814
(32) Priority Date :15/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033834
Filing Date :16/04/2012
(87) International Publication No :WO 2012/142612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAGHAVI NASRABADI Mohammad Hossein
2)SAMPATH Hemanth
3)JONES Vincent K.

(57) Abstract :
Systems methods and devices to enable range extension for wireless communication in sub gigahertz bands are described herein. In some aspects portions of packets are repeated in time and/or space when transmitting the packet in order to increase the chance that the packet can be decoded. The repetition of portions of the packet may be based in part on the channel characteristics of the channel over which the packet is sent. In some aspects portions of packets are transmitted over a smaller bandwidth with increased power per frequency range.

No. of Pages : 47 No. of Claims : 92

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8750/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BLIND SOURCE SEPARATION BASED SPATIAL FILTERING

(51) International classification :H04S1/00,H04S7/00
(31) Priority Document No :61/486717
(32) Priority Date :16/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035999
Filing Date :01/05/2012
(87) International Publication No :WO 2012/158340
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VISSER Erik
2)KIM Lae Hoon
3)XIANG Pei

(57) Abstract :
A method for blind source separation based spatial filtering on an electronic device includes obtaining a first source audio signal and a second source audio signal. The method also includes applying a blind source separation filter set to the first source audio signal and to the second source audio signal to produce a spatially filtered first audio signal and a spatially filtered second audio signal. The method further includes playing the spatially filtered first audio signal over a first speaker to produce an acoustic spatially filtered first audio signal and playing the spatially filtered second audio signal over a second speaker to produce an acoustic spatially filtered second audio signal. The acoustic spatially filtered first audio signal and the acoustic spatially filtered second audio signal produce an isolated acoustic first source audio signal at a first position and an isolated acoustic second source audio signal at a second position.

No. of Pages : 53 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/10/2013

(21) Application No.8439/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPETITIVE AND EFFECTIVE BRADYRHIZOBIUM JAPONICUM STRAINS

(51) International classification :A01N63/00
(31) Priority Document No :61/470145
(32) Priority Date :31/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031584
Filing Date :30/03/2012
(87) International Publication No :WO 2012/135704
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)KANG Yaowei
2)SMITH Jessica
3)SEMONES Shawn
4)WOODS Kristi

(57) Abstract :
According to the present invention new isolates of bacterial strains have been shown to possess unique properties. These bacterial strains are plant growth promoting rhizobacterium (PGPR) posses an enhanced competitive advantage at colonizing leguminous plants and enhance the overall performance of leguminous plant growth. Further still the present invention discloses a novel method for screening and selecting bacterial strains having the aforementioned beneficial characteristics.

No. of Pages : 70 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2013

(21) Application No.8590/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LAUTER TUN

(51) International classification :C12C7/17
(31) Priority Document No :10 2011 075 027.4
(32) Priority Date :29/04/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/001653
Filing Date :16/04/2012
(87) International Publication No :WO 2012/146354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)WURM Maren
3)L–FFLAD Jochen

(57) Abstract :
A lauter tun is described having a chopping device which has at least one chopping tool that is moveable for generating a substantially vertical cut through a spent grain bed deposited on a bottom of the lauter tun. The lauter tun additionally contains a loosening appliance which is moveable substantially horizontally through the spent grain bed. In order to improve the lautering performance it is proposed to seal the loosening appliance by the end of the chopping tool that is close to the bottom or to arrange the loosening appliance at a distance above the end of the chopping tool that is close to the bottom and provide it with at least one spent grain guide strip the cross sectional shape of which in the rim region that is at the rear with respect to the direction of motion of the chopping tool is directed upwards.

No. of Pages : 20 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2013

(21) Application No.8591/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DRUG SUBSTANCES PHARMECEUTICAL COMPOSITIONS AND METHODS FOR PREPARING THE SAME

(51) International classification	:A01N43/38,A61K31/40,C07D209/54
(31) Priority Document No	:61/482592
(32) Priority Date	:04/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/036131 :02/05/2012
(87) International Publication No	:WO 2012/151283
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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2)PRIDGEN Christopher
3)LIOTTA Vincenzo

(57) Abstract :
2Drug substances which comprise a solid amorphous forms of a compound of structural formula I and have a BET specific surface area of up to about 94m/g pharmaceutical compositions comprising such drug substances processes for preparing such drug substances and uses of such drug substances and pharmaceutical compositions are disclosed.

No. of Pages : 45 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8594/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RENDERING MODE SELECTION IN GRAPHICS PROCESSING UNITS

(51) International classification :G06T15/00
(31) Priority Document No :13/108657
(32) Priority Date :16/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038175
Filing Date :16/05/2012
(87) International Publication No :WO 2012/158817
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SHARP Colin
3)LEGER Jeffrey

(57) Abstract :
This disclosure describes techniques for automatically selecting a rendering mode for use by a graphics processing unit (GPU) to render graphics data for display. More specifically the techniques include evaluating at least two metrics associated with rendering graphics data of one or more rendering units and automatically selecting either an immediate rendering mode or a deferred rendering mode for a current rendering unit based on the evaluated metrics. The selected rendering mode may be the one of the rendering modes predicted to use less power and/or system bandwidth to render the graphics data of the current rendering unit. A rendering unit may comprise a set of frames a frame a portion of a frame multiple render targets associated with a frame a single render target associated with a frame or a portion of a single render target.

No. of Pages : 45 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8764/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS AND SYSTEM OF WIRELESS COMMUNICATION WITH REMOTE RADIO HEADS

(51) International classification :H04B7/04,H04L1/06,H04J11/00
(31) Priority Document No :13/099104
(32) Priority Date :02/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034524
Filing Date :20/04/2012
(87) International Publication No:WO 2012/151064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GUO Shiguang
4)SMITH Jack Anthony
5)JIA Yongkang
6)EBRAHIMI TAZEH MAHALLEH Masoud
7)YU Dongsheng
8)HARRISON Robert Mark

(57) Abstract :
A method of operating an eNB in a wireless communication network is provided. The method comprises transmitting by the eNB to a UE configuration information of first and second sets of CSI RS resources wherein the first set of CSI RS resources is used for long term measurement and the second set of CSI RS resources is used for short term CSI feedback.

No. of Pages : 55 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8609/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING LIGHT EMITTING DEVICE AND LIGHT EMITTING DEVICE

(51) International classification :H01L33/50,H01L33/52
(31) Priority Document No :2011098540
(32) Priority Date :26/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060582
Filing Date :19/04/2012
(87) International Publication No :WO 2012/147608
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SATO Takashi
2)MIYAIRI Hiroshi
3)WATANABE Kazunori

(57) Abstract :
Provided are a method for producing a light emitting device and a light emitting device which can effectively minimize color irregularities and which is highly reliable being devoid of resin separation. The method for producing a light emitting device is a method for producing a light emitting device having a light emitting element and a phosphor layer that absorbs at least some of the light output by the light emitting element and emits light of a different wavelength than the absorbed light wherein the method includes: a first resin layer formation step in which a first resin layer that defines a predetermined shape for a phosphor layer is formed on the light emitting surface of the light emitting element by a first resin that has been adjusted to a first viscosity; a second resin layer formation step in which prior to curing of the first resin layer a second resin layer is formed over the first resin layer using a second resin that includes a phosphor and that has been adjusted to a second viscosity lower than the first viscosity; and a curing step in which the first resin layer and the second resin layer are cured.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8782/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTERLEAVED BLACK AND BRIGHT BLOOD DYNAMIC CONTRAST ENHANCED (DCE) MRI

(51) International classification :G01R33/563
(31) Priority Document No :61/477854
(32) Priority Date :21/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051779
Filing Date :12/04/2012
(87) International Publication No :WO 2012/143824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)WANG Jinnan
2)CHEN Huijun
3)B–RNERT Peter
4)YUAN Chun

(57) Abstract :
Interleaved black/bright imaging (IBBI) is performed using a magnetic resonance (MR) scanner (10) wherein the black blood module (52) of the IBBI includes: applying a first flow sensitization gradient; applying a spoiler gradient after applying the first flow sensitization gradient; applying a second flow sensitization gradient after applying the spoiler gradient wherein the second flow sensitization gradient has area equal to the first flow sensitation gradient but of opposite polarity; applying a slice selective radio frequency excitation pulse after applying the spoiler gradient; and performing a MR readout after applying the second flow sensitization gradient and after applying the slice selective radio frequency excitation wherein the readout acquires MR imaging data having blood signal suppression in the region excited by the slice selective radio frequency excitation pulse. The MR imaging data having blood signal suppression is reconstructed to generate black blood images (20) and MR imaging data generated by bright blood modules (50) of the IBBI is reconstructed to generate bright blood images (22).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8783/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SIMULTANEOUS NON CONTRAST MR ANGIOGRAPHY AND INTRAPLAQUE HEMORRHAGE (SNAP) MR IMAGING

(51) International classification :G01R33/56
(31) Priority Document No :61/477840
(32) Priority Date :21/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051812
Filing Date :13/04/2012
(87) International Publication No :WO 2012/143831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)BOERNERT Peter
5)YUAN Chun

(57) Abstract :
Magnetic resonance (MR) spins are inverted by applying an inversion recovery (IR) radio frequency pulse (50). MR signals are acquired at an inversion time (TI) after the IR radio frequency pulse. TI is selected such that a first tissue of interest (e.g. blood) exhibits negative magnetism excited by the IR radio frequency pulse and a second tissue (e.g. intraplaque hemorrhage tissue) exhibits positive magnetism excited by the IR radio frequency pulse. The acquired magnetic resonance signals are reconstructed to generate spatial pixels or voxels wherein positive pixel or voxel values indicate spatial locations of positive magnetism and negative pixel or voxel values indicates spatial locations of negative magnetism. A first image (28) representative of the first tissue is generated from spatial pixels or voxels having negative signal intensities and a second image (26) representative of the second tissue is generated from spatial pixels or voxels having positive signal intensities.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8773/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HOME NETWORK ROAMING MANAGEMENT FOR ECALL ONLY SUBSCRIBERS

(51) International classification :H04W4/22
(31) Priority Document No :61/485082
(32) Priority Date :11/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/029832
Filing Date :20/03/2012
(87) International Publication No :WO 2012/154304
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BOURDU Jean Baptiste Bertrand
2)WILLIAMS David Hugh
3)LEUNG Nikolai Konrad

(57) Abstract :
A Home Public Land Mobile Network (HPLMN) or home network immediately accepts a registration requests from eCall only subscribers attempting to register with any Visitor Public Land Mobile Networks (VPLMNs) or roaming network. This avoids unnecessary delays in the establishment of an eCall (emergency call) that might be otherwise introduced by the home network s roaming registration management policy (RRMP) that otherwise would only permit registrations (and subsequent call servicing) by preferred roaming VPLMN partners and automatically reject registrations from non preferred roaming networks (which may hinder or prevent timely completion of an eCall).

No. of Pages : 31 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8775/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLANTS HAVING ENHANCED YIELD RELATED TRAITS AND METHOD FOR MAKING THE SAME

(51) International classification :C12N15/82,A01H5/00,C12N15/29
(31) Priority Document No :61/483786
(32) Priority Date :09/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052284
Filing Date :08/05/2012
(87) International Publication No :WO 2012/153267
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FRANKARD Valerie
2)LOUWERS Marieke

(57) Abstract :
Provided is a method for enhancing yield related traits in plants by modulating expression in a plant of a nucleic acid encoding a variant synovial sarcoma translocation (SYT) polypeptide comprising or consisting of any one or more of the following domains: an SNH domain; a Met rich domain; and a QG rich domain. Also provided are plants having modulated expression of a nucleic acid encoding such a variant SYT polypeptide which plants have enhanced yield related traits compared with control plants. Constructs useful in the method are provided as well.

No. of Pages : 105 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8776/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PATIENT LOCALIZATION SYSTEM

(51) International classification :A61B5/055,A61B6/04,A61B5/05
(31) Priority Document No :11163569.4
(32) Priority Date :22/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051789
Filing Date :12/04/2012
(87) International Publication No :WO 2012/143826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UHLEMANN Falk

(57) Abstract :
The invention relates to means for determining the spatial configuration of a biological body (P) on a surface particularly on the surface of a patient support (150). One embodiment of these means is a sensor system (110) that can be applied to a patient support (150) and that comprises a plurality of sensor units (111) wherein each of these sensor units (111) has an adjacent sensitive zone (112) in which the presence of a biological body (P) induces a detection signal. The sensor unit may particularly comprise a microwave coil (111).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8777/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTICHANNEL RF VOLUME RESONATOR FOR MRI

(51) International classification :G01R33/3415,G01R33/561,G01R33/36
(31) Priority Document No :11163484.6
(32) Priority Date :21/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051815
Filing Date :13/04/2012
(87) International Publication No :WO 2012/143833
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LEUSSLER Christoph
2)FINDEKLEE Christian
3)MENS Wilhelmus Reinerius Maria

(57) Abstract :
An RF volume resonator systemis disclosed comprising a multi port RF volume resonator (40 50; 60) like e.g. a TEM volume coil or TEM resonator or a birdcage coil all of those especially in the form of a local coil like a head coil or a whole body coil and a plurality of transmit and/or receive channels (T/RCh1 ¦T/RCh8) for operating the multi port RF volume resonator for transmitting RF excitation signals and/or for receiving MR relaxation signals into/from an examination object or a part thereof. By the individual selection of each port (P1 ..P8) andthe appropriate amplitude and/or frequency and/or phase and/or pulse shapes of the RF transmit signals according to the physical properties of an examination object a resonant RF mode within the examination object with an improved homogeneitycan beexcited bythe RF resonator.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8778/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIGHTING ASSEMBLY AND SOCKET

(51) International classification :F21V17/18,F21V17/10,F21V17/14
(31) Priority Document No :11163352.5
(32) Priority Date :21/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051618
Filing Date :03/04/2012
(87) International Publication No :WO 2012/143810
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KESER Merijn
2)DEURENBERG Peter Hubertus Franciscus
3)CREUSEN Martinus Petrus

(57) Abstract :
A lighting assembly (100) configured to be mechanically and electrically connected to a socket (150) the lighting assembly comprising a lighting module (102) comprising a light source (106) electrical contacting means (108) electrically connected to the light source and a heat spreader (110) in thermal contact with the light source; and a connector (104) being rotatable in relation to the lighting module (102). The connector comprises connector locking means (119) for locking the lighting assembly to a socket through interaction with receiving locking means comprised in the socket when the lighting module is axially inserted into the socket and the connector is rotated relative to the lighting module and the socket thereby bringing the electrical contacting means (108) into contact with corresponding receiving contacting means (122) comprised in the socket. Hereby the space required for electrical contacting means in the lighting assembly and in the socket may be reduced as no space is reserved in the socket for rotation of the electrical connecting means.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8612/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS SYSTEMS AND COMPUTER READABLE MEDIA FOR STEERING A SUBSCRIBER BETWEEN ACCESS NETWORKS

(51) International classification	:H04W36/38,H04W36/14,H04W36/12
(31) Priority Document No	:61/483607
(32) Priority Date	:06/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/036784 :07/05/2012
(87) International Publication No	:WO 2012/154674
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)JACKSON Kenneth Charles
2)BANIEL Uri

(57) Abstract :
Methods systems and computer readable media for steering a subscriber between access networks are disclosed. According to one aspect a method for steering a subscriber between access networks includes at a first policy and charging rules function (PCRF) that serves a first access network identifying a subscriber of the first access network as a candidate for steering to a second access network that is served by a second PCRF querying the second PCRF to determine whether the candidate subscriber is allowed access to the second access network and upon a determination that the candidate subscriber is allowed access to the second access network steering the candidate subscriber to the second access network.

No. of Pages : 23 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2013

(21) Application No.8788/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF QUANTIZING LINEAR PREDICTIVE CODING COEFFICIENTS SOUND ENCODING METHOD METHOD OF DE QUANTIZING LINEAR PREDICTIVE CODING COEFFICIENTS SOUND DECODING METHOD AND RECORDING MEDIUM

(51) International classification :H03M7/30,G10L19/00,H04N7/32
(31) Priority Document No :61/477797
(32) Priority Date :21/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2012/003128
Filing Date :23/04/2012
(87) International Publication No :WO 2012/144878
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SUNG Ho Sang
2)OH Eun Mi

(57) Abstract :
A quantizing method is provided that includes quantizing an input signal by selecting one of a first quantization scheme not using an inter frame prediction and a second quantization scheme using the inter frame prediction in consideration of one or more of a prediction mode a predictive error and a transmission channel state.

No. of Pages : 69 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2013

(21) Application No.8790/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VEHICLE CONTEXT AWARENESS BY DETECTING ENGINE RPM USING A MOTION SENSOR

(51) International classification :H04W4/04
(31) Priority Document No :13/106786
(32) Priority Date :12/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037141
Filing Date :09/05/2012
(87) International Publication No :WO 2012/154864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CZOMPO Joseph

(57) Abstract :
Methods and apparatus for determining context of a mobile device are provided. In an example provided is a method for identifying an environment of a mobile device. The method includes receiving a motion sensor signal. The motion sensor signal can be received from an accelerometer and/or a gyroscope. If a frequency characteristic of an engine is detected in the motion sensor signal a control signal is output identifying that the mobile device is located in a motor vehicle. The control signal can enable a vehicle navigation mode. The control signal can also be used to alert a user to the identified environment and/or change a feature of the mobile device. The method can also include receiving an audio signal from a microphone detecting the engine vibration from the audio signal and using the audio signal to confirm the detecting the engine vibration from the motion sensor signal.

No. of Pages : 24 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/11/2013

(21) Application No.8791/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A CHANNEL STATE INFORMATION FEEDBACK FOR CARRIER AGGREGATION WITH FLEXIBLE CARRIER CONFIGURATIONS

(51) International classification :H04L25/02,H04L1/00
(31) Priority Document No :61/489129
(32) Priority Date :23/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035020
Filing Date :25/04/2012
(87) International Publication No :WO 2012/161914
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)CHEN Wanshi
2)MONTOJO Juan
3)GAAL Peter
4)DAMNJANOVIC Jelena M.

(57) Abstract :
Techniques for reporting channel state information (CSI) are disclosed. A user equipment (UE) may be configured for operation on multiple carriers with different configurations e.g. FDD and TDD carriers and/or carriers with different uplink downlink configurations. The multiple carriers may have different subframes for making measurements for CSI and/or different subframes for sending CSI. In response to a CSI request the UE may determine at least one reference subframe to use for determining CSI for the multiple carriers. The reference subframe may be common to the plurality of carriers and may for example be based the subframe in which the CSI request in sent. Alternatively the reference subframe may be different for different carriers such as when it is based on different HARQ timelines applicable for the different carriers. The UE may determine the CSI for the multiple carriers based on the reference subframe(s) and may report the CSI.

No. of Pages : 55 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.8404/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DOUBLE ACYLATED GLP 1 DERIVATIVES

(51) International classification :A01N43/90,A01N61/00,A01P3/00
(31) Priority Document No :11162087.8
(32) Priority Date :12/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/056642
Filing Date :12/04/2012
(87) International Publication No :WO 2012/140117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)SPETZLER Jane
3)KRUSE Thomas
4)LINDEROTH Lars
5)KOFOED Jacob

(57) Abstract :
The invention relates to a derivative of a GLP 1 analogue which analogue comprises a first K residue at a position corresponding to position 27 of GLP 1(7 37) (SEQ ID NO: 1); a second K residue at a position corresponding to position T of GLP 1(7 37) where T is an integer in the range of 7 37 except 18 and 27; and a maximum of ten amino acid changes as compared to GLP 1(7 37); wherein the first K residue is designated K and the second K residue is designated K; which derivative comprises two albumin binding moieties attached to K and K respectively via a linker wherein the albumin binding moiety comprises a protracting moiety selected from HOOC (CH) CO and HOOC CH 0 (CH) CO ; in which x is an integer in the range of 6 16 and y is an integer in the range of 3 17; wherein the linker comprises an element of the formula NH (CH) (O (CH)) O (CH) CO wherein k is an integer in the range of 1 5 and n is an integer in the range of 1 5; or a pharmaceutically acceptable salt amide or ester thereof. The invention also relates to the pharmaceutical use thereof for example in the treatment and/or prevention of all forms of diabetes and related diseases as well as to corresponding novel GLP 1 analogues. The derivatives are suitable for oral administration.

No. of Pages : 142 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8540/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRIORITY REGISTRATION FOR IN VEHICLE EMERGENCY CALL SERVICE

(51) International classification :H04W4/22
(31) Priority Document No :61/485076
(32) Priority Date :11/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/032352
Filing Date :05/04/2012
(87) International Publication No :WO 2012/154337
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DHANDA Mungal Singh

(57) Abstract :
An eCall is an emergency call that may (i) be initiated automatically by a wireless terminal due to a trigger event (e.g. a vehicle involved in an accident) or manually by a user and (ii) include additional data sent automatically by the terminal to a recipient entity e.g. a Public Safety Answering Point (PSAP). Depending on the implementation Emergency setup signaling (e.g. an Emergency SETUP message) or a location updating message is used to give high priority to registering an eCall only mode In Vehicle System (IVS) on a mobile network. The IVS can get higher priority from the mobile network right after an eCall emergency is triggered at the IVS. When requesting a connection to the mobile network the IVS can use one or more fields of the location updating message in order to register on the network with a higher priority.

No. of Pages : 43 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8669/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICES FOR DATA ACCESS CONTROL IN PEER TO PEER OVERLAY NETWORKS

(51) International classification :H04L29/08,H04L29/06
(31) Priority Document No :13/113813
(32) Priority Date :23/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/039049
Filing Date :23/05/2012
(87) International Publication No :WO 2012/162340
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MAO Yinian
2)NARAYANAN Vidya

(57) Abstract :
Methods and apparatuses are provided for facilitating data access controls in peer to peer overlay networks. A peer node (202) storing a data object may receive a request (306) for access to the stored data object and may locate (310) in the network an access control list associated with the data object using a routing mechanism included in the data object. The peer node (202) may request (312) and receive (314) from a peer node storing the access control list information relating to access controls associated with data object and determine (316) whether the requested access is authorized based on the access control list and may grant or deny access (318) based on the determination. The routing mechanism may comprise a URI to be used in combination with a distributed hash table DHT.

No. of Pages : 34 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2013

(21) Application No.8849/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DAIRY PRODUCT IN WHICH WHEY IS USED AND METHOD FOR MANUFACTURING SAME

(51) International classification :A23C21/06,A23C21/02
(31) Priority Document No :2011102287
(32) Priority Date :28/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061325
Filing Date :27/04/2012
(87) International Publication No :WO 2012/147906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SATO Yuu
3)FUKUI Munenori

(57) Abstract :
The present invention addresses the problem of providing a dairy product with reduced milk odor specific to products in which fermented milk and whey protein are used. A method for manufacturing an edible gel comprising: a starting material blending step for blending lactoglobulin in a ratio of 70 100 wt% in the total protein of the starting material; a heating step performed after the starting material blending step; and a fermentation step by microorganisms after the heating step. The problem of the present invention is achieved by this method.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.8708/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS APPARATUSES AND COMPUTER READABLE STORAGE MEDIA FOR DETECTING GESTURE BASED COMMANDS FOR A GROUP COMMUNICATION SESSION ON A WIRELESS COMMUNICATIONS DEVICE

(51) International classification	:H04W4/20
(31) Priority Document No	:13/106269
(32) Priority Date	:12/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2012/037574
Filing Date	:11/05/2012
(87) International Publication No	:WO 2012/155069
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)DHODAPKAR Chinmay S.

(57) Abstract :
In an embodiment a user equipment (UE) detects that a user has made a pre defined gesture that is associated with setting up a group communication session (GCS) with a communication group. The UE transmits a call request message to an application server to request set up of the GCS. In another embodiment the UE receives a user input requesting the UE to monitor for gestures by a user of the UE during the GCS. The UE then monitors one or more sensors during the GCS to detect whether the user of the UE has made a pre defined gesture. In another embodiment during the GCS the UE detects that the user has made a pre defined gesture maps the detected gesture to a gesture based command associated with transitioning the UE s floor holder status and then transmits a request to facilitate the floor holder status transition to the application server in accordance with the gesture based command.

No. of Pages : 59 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.8709/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICES AND METHODS FOR PRESENTING INFORMATION TO A USER ON A TACTILE OUTPUT SURFACE OF A MOBILE DEVICE

(51) International classification :G06F3/01,G06F3/048
(31) Priority Document No :13/107681
(32) Priority Date :13/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037835
Filing Date :14/05/2012
(87) International Publication No :WO 2012/158641
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)BEDNAR David

(57) Abstract :
Methods and devices provide a tactile output surface that can communicate information to users via their sense of touch. The tactile output surface may include a plurality of tactile elements which may be activated to represent various information in a manner that can be understood by touching the device. A mobile device may present tactile output surfaces on one or multiple surfaces and the user may touch the device after of tactile feedback functionality to obtain information from the one or more tactile output surfaces. In an embodiment a mobile device may be configured to obtain information from an information source and present the information on a tactile output surface so that the user can perceive the information without having to look at the device. A variety of technologies may be used to create actuatable tactile elements.

No. of Pages : 66 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.8710/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RF POWER AMPLIFIERS WITH IMPROVED EFFICIENCY AND OUTPUT POWER

(51) International classification :H03F3/24,H03F1/22,H03F3/193
(31) Priority Document No :13/090054
(32) Priority Date :19/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034296
Filing Date :19/04/2012
(87) International Publication No:WO 2012/145540
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PRESTI Calogero D.

(57) Abstract :
A Doherty amplifier (10) is operable to receive an input signal (Pin) and to provide an amplified output signal (Pout) at an amplifier output (95). The Doherty amplifier (10) comprises: first (30) and second (40) amplifier stages each amplifier stage being switchable between an amplifying and a non amplifying state each amplifier stage being arranged in parallel to receive the input signal (Pin) and in the amplifying state to provide a respective amplified signal at a respective amplifier stage output; and an output network (50) comprising first (80) and second (90) impedance transformers each impedance transformer being coupled at a first side with a respective amplifier stage output and being coupled together in parallel at a second side with the amplifier output (95). By using an alternative parallel architecture the impedance transformation ratio experienced by an amplified signal under different operating conditions is significantly reduced compared to that of a traditional architecture which uses a single series impedance transformer which combines and transforms the amplified signals from both amplifier stages (30 40).

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013

(21) Application No.8867/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM FOR OPTIMIZING A DRUG DOSAGE REGIMEN OVER TIME

(51) International classification :G06F19/00
(31) Priority Document No :11165063.6
(32) Priority Date :06/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058035
Filing Date :02/05/2012
(87) International Publication No :WO 2012/152628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHRISTENSEN Toke Folke
3)PETERSEN Louise Wagner
4)STEFANSEN Mads Schenstr¸m

(57) Abstract :
A system for optimizing a patient s basal insulin dosage regimen over time adapted to determine from blood glucose values whether and by how much to vary a patient s present recommended amount of the insulin containing drug in order to maintain the patient s future blood glucose level measurements within a predefined range and wherein a given blood glucose value is disregarded if no patient actuated operation being indicative of the administration of a dose of an insulin containing drug has been detected in a pre defined amount of time prior to the determination of the given blood glucose value.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2013

(21) Application No.8715/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LUBRICATING OIL COMPOSITIONS COMPRISING FISCHER TROPSCH DERIVED BASE OILS

(51) International classification :C10M107/02,C10M143/00,C10N30/06
(31) Priority Document No :11165010.7
(32) Priority Date :05/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058076
Filing Date :03/05/2012
(87) International Publication No :WO 2012/150283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
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(72)**Name of Inventor :**
1)BUSSE Peter Max
2)LUNT Nigel Edmund
3)SCHLEPER Stefan Bernhard
4)WEDLOCK David John

(57) Abstract :
Use of a lubricating oil composition comprising at least one Fischer Tropsch derived base oil for reducing exhaust port blocking of a 2 stroke engine. The present invention also relates to a 2 stroke lubricating engine oil composition comprising (i) at least one Fischer Tropsch derived base oil having a kinematic viscosity at 100°C in the range of from 2 to 30 mm/s at 100°C and (ii) 5 wt% or greater of a hydrocarbon solvent; wherein the lubricating engine oil composition has a Blocking Index of greater than 130 as measured by the JASO M343 92 Exhaust System Blocking Test Method.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013

(21) Application No.8873/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CABLE AND METHOD FOR MANUFACTURING SAME

(51) International classification :H01B7/17,B29C47/02,H01B7/02
(31) Priority Document No :2011105821
(32) Priority Date :11/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061845
Filing Date :09/05/2012
(87) International Publication No :WO 2012/153756
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HASHIMOTO Satoshi
2)KOHORI Takaya

(57) Abstract :
A cable (10) has a pair of insulated electric wires (1) which are entwined with each other the periphery of the insulated electric wires (1) being covered by a sheath (6). The insulated electric wires (1) are formed from conductors (4) formed from a tin copper alloy with a cross sectional area of 0.18 0.30 mm covered by a cross linked polyethylene insulator (5). The sheath (6) has an inner sheath (2) formed from a non cross linked polyurethane extrusion coated around the pair of insulated electric wires (1) and an outer sheath (3) formed from the same non cross linked polyurethane material as the inner sheath (2) extrusion coated around the inner sheath (2). The thickness of the sheath (6) is 0.5 mm or greater and the outside diameter of the sheath (6) is 4.0 mm or less.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013

(21) Application No.8874/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BALANCER

(51) International classification :B66D3/18,B66D5/04
(31) Priority Document No :10 2011 103 320.7
(32) Priority Date :27/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/002240
Filing Date :25/05/2012
(87) International Publication No :WO 2012/163505
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PINWINKLER Herbert
3)STIRBU Michael

(57) Abstract :
A balancer (1) for raising holding and lowering a load comprising a cable drum (7) which can be rotated in a manner actuated by pressure medium and has a cable for bearing the load which cable can be unwound from and wound onto said cable drum (7) and has a device for emergency braking of the cable drum (7) if a defined rotational speed is exceeded which device for emergency braking comprises at least one locking element (16) which is fastened to the cable drum (7) is held in a freewheeling position in a spring loaded manner and can be moved into a deployed locking position in a manner which is actuated by centrifugal force in which locking position the rotation of the cable drum (7) is blocked by virtue of the fact that the locking element (16) is in engagement with a stop which is stationary relative to the cable drum (7). After its triggering the locking element (16) is held in a deployed position when said locking element (16) and the stop which interacts with it move out of engagement.

No. of Pages : 21 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013

(21) Application No.8875/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : KNIT COMPONENT BONDING

(51) International classification :D04B1/16,D04B21/16
(31) Priority Document No :13/100689
(32) Priority Date :04/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036338
Filing Date :03/05/2012
(87) International Publication No :WO 2012/151408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DUA Bhupesh
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3)SHAFFER Benjamin A.

(57) Abstract :
A composite structure may include a knit component and a bonded component. The knit component has a first surface and an opposite second surface and the knit component includes a fusible yarn and a non fusible yarn that form a knitted structure. The fusible yarn is at least partially formed from a thermoplastic polymer material and the fusible yarn is located on at least the first surface. The bonded component is positioned adjacent to the first surface and the bonded component is thermal bonded to the first surface with the thermoplastic polymer material of the fusible yarn.

No. of Pages : 54 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/10/2013

(21) Application No.8572/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : OPTICAL ARTICLE CONTAINING SELF HEALING AND ABRASION RESISTANT COATINGS

(51) International classification :G02B1/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/041198
Filing Date :21/06/2011
(87) International Publication No :WO 2012/177239
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ZHENG Haipeng

(57) Abstract :
Optical article comprising: (a) a transparent optical polymer substrate (b) a transparent intermediate abrasion resistant coating obtained from at least one epoxysilane by a sol gel process and (c) a transparent outer coating comprising a polythiol ene matrix obtained by curing a liquid monomer mixture comprising at least one polyfunctional thiol and at least one polyfunctional allyl monomer said cured polythiol ene matrix having a glass transition temperature comprised in the range from 40°C to 70°C and a thickness from 3.5 μm to less than 10 μm. It is also drawn to a method for preparing such an optical article and to a method for repairing scratches in such an optical article by heating.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2013

(21) Application No.8737/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR REPORTING MEASUREMENT REPORT

(51) International classification :H04W24/10,H04W36/30
(31) Priority Document No :201110105386.9
(32) Priority Date :26/04/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/074749
Filing Date :26/04/2012
(87) International Publication No :WO 2012/146185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)WANG Jiyong
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3)FANG Ming

(57) Abstract :
Embodiments of the present invention provide a method and a device for reporting a measurement report. The method comprises: acquiring a public land mobile network identifier PLMN ID list and a closed subscriber group identity CSG ID of a neighbor cell; reporting a measurement report to a source access network node if a currently serving PLMN ID is comprised in the PLMN ID list and a global CSG ID formed by the currently serving PLMN ID and the CSG ID is comprised in a CSG list of a terminal the measurement report carrying the currently serving PLMN ID and the CSG ID. In the embodiments of the present invention in the case that a cell to which the report is sent is a subscription H(e)NB cell of a terminal the switching success rate is improved; while in the case that a cell to which the report is sent is a non subscription cell the PLMN ID selection principle is met.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8892/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF WELL TREATMENT USING SYNTHETIC POLYMERS

(51) International classification :C09K8/02,C09K8/508
(31) Priority Document No :13/103385
(32) Priority Date :09/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036274
Filing Date :03/05/2012
(87) International Publication No :WO 2012/154486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)PHATAK Alhad
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(57) Abstract :
A method for treating a subterranean formation including estimating the solubility parameter of a monomer; selecting a solvent based on the parameter; forming a fluid comprising the monomer and solvent; and introducing the fluid to the formation wherein the formation is about 350°F or warmer. A method for treating a subterranean formation including forming a fluid comprising the monomer and solvent wherein the monomer comprises poly(2 hydroxyethyl methacrylate) and/or poly(2 hydroxyethyl acrylate and wherein the solvent comprises zinc bromide or calcium bromide or both; and introducing the fluid to the formation wherein the formation is about 350°F or warmer.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8893/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTEGRIN RECEPTOR ANTAGONISTS AND THEIR METHODS OF USE

(51) International classification :A61K51/08
(31) Priority Document No :61/484194
(32) Priority Date :09/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037177
Filing Date :09/05/2012
(87) International Publication No :WO 2012/154894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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2)PARK John Y.
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4)KARAGEOZIAN Vicken H.

(57) Abstract :
Compounds comprising R G Cysteic Acid (i.e. R G NH CH(CH S0H)COOH or Arg Gly NH CH(CH S0H)COOH) and derivatives thereof including pharmaceutically acceptable salts hydrates stereoisomers multimers cyclic forms linear forms drug conjugates pro drugs and their derivatives. Also disclosed are methods for making and using such compounds including methods for inhibiting integrins including but not necessarily limited to alntegrin a lntegrin and a lntegrin inhibiting cellular adhesion to RGD binding sites preventing or treating viral or other microbial infections inhibiting angiogenesis in tumors retinal tissue or other tissues or delivering other diagnostic or therapeutic agents to RGD binding sites in human or animal subjects.

No. of Pages : 96 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8751/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : USE OF CARBON BLACK AND ANTIOXIDANTS FOR REDUCING TASTE AND/OR ODOUR IN A POLYOLEFIN COMPOSITION

(51) International classification :C09K15/00,C08K3/04,C08F10/02
(31) Priority Document No :11005481.4
(32) Priority Date :05/07/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/002493
Filing Date :13/06/2012
(87) International Publication No :WO 2013/004334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)JAMTVEDT Svein
4)KNALL Astrid Caroline
5)STANDLER Alexander

(57) Abstract :
The present invention relates to the use of a combination of additives comprising at least two of the following compounds: an antioxidant (A) according to formula (I): wherein R R R R and R independently are H or non substituted or substituted aliphatic or aromatic hydrocarbyl radicals which may comprise heteroatoms an antioxidant (B) according to formula (II): wherein o R R and R independently are non substituted or substituted aliphatic or aromatic hydrocarbyl radicals which may comprise OH groups; o X X and X independently are H or OH with the provisio that at least one of X X and X is OH; and o the entire molecule does not comprise an ester group; carbon black; reducing taste and/or odour in a polyolefin composition.

No. of Pages : 28 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8909/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOZZLE PLATE FABRICATION

(51) International classification :B41J2/16
(31) Priority Document No :11163885.4
(32) Priority Date :27/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051905
Filing Date :17/04/2012
(87) International Publication No :WO 2012/147009
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)VERSCHUEREN Alwin Rogier Martijn
3)OP T HOOG Adrianus Antonius Johannes
4)LAMMERS Jeroen Herman

(57) Abstract :
There is provided a method of improving the yield of a nozzle plate fabrication process the method comprising determining a variation in the size of nozzles in a nozzle plate from a predetermined size or range of sizes for the nozzles the nozzles in the nozzle plate having been fabricated using a plurality of mandrels each mandrel defining a respective nozzle in the nozzle plate and determining modifications to the size of one or more mandrels in the plurality of mandrels to compensate for the determined variation in the size of nozzles in the nozzle plate. Also provided is a method of fabricating a nozzle plate the method comprising fabricating a nozzle plate having a plurality of nozzles using a plurality of mandrels on a substrate each mandrel defining a respective nozzle in the nozzle plate the mandrels in the plurality of mandrels having varying sizes in order to compensate for local variations in the fabrication process that would result in local variations in the size of nozzles in the nozzle plate from a predetermined size or range of sizes.

No. of Pages : 28 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8912/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MAINSTREAM GAS ANALYZER CONFIGURABLE TO REMOVABLY COUPLE WITH A SIDESTREAM GAS SAMPLING COMPONENT

(51) International classification :A61B5/08,A61B5/097,G01N1/24
(31) Priority Document No :61/479064
(32) Priority Date :26/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051606
Filing Date :02/04/2012
(87) International Publication No :WO 2012/146991
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)JAFFE Michael Brian

(57) Abstract :
Systems and methods for analyzing respiratory gas are configured to function in both divertive and non divertive configurations. A mainstream gas analyzer housing economically and removably couples with a sidestream gas sampling component.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8913/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DIAGNOSTIC BRAIN IMAGING

(51) International classification :A61B6/03,G06T7/00
(31) Priority Document No :61/478953
(32) Priority Date :26/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051990
Filing Date :20/04/2012
(87) International Publication No :WO 2012/147016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)THIELE Frank Olaf

(57) Abstract :
A radiological imaging apparatus (10) acquires a radiological brain image of a subject after administration of a radio tracer binding to a target substance indicative of a clinical pathology. In one embodiment the clinical pathology is amyloid deposits in the brain at a level correlative with Alzheimer s disease and the target substance is amyloid deposits. A processor (C) tests for the clinical pathology by: performing non rigid registration of the brain image with a positive template (32P) indicative of having the clinical pathology and with a negative template (32N) indicative of not having the clinical pathology; generating positive and negative result metrics (36P 36N) quantifying closeness of the registration with the positive and negative template respectively; and generating a test result (54) based on the positive result metric and the negative result metric. An independent test result is generated by quantifying a second mode of an intensity histogram for the brain image.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8779/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE AND METHOD FOR VITAL SIGN MEASUREMENT OF A PERSON

(51) International classification :A61B5/0205
(31) Priority Document No :11163329.3
(32) Priority Date :21/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051875
Filing Date :16/04/2012
(87) International Publication No :WO 2012/143842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TIJS Tim Johannes Willem
4)VAN ELSWIJK Gijs Antonius Franciscus
5)GILLIES Murray Fulton

(57) Abstract :
The present invention relates to a device (1) for vital sign measurement of a person (2) comprising presentation means (10) for presenting a person (2) with a visual theme (20) illumination means (11) for illuminating an illumination area (3) in which said person (2) is located whose vital signs shall be measured optical measurement means (12) for optically detecting optical detection signals (23) from said illumination area (3) evaluation means (13) for evaluating said optical detection signals (23) and deriving a vital sign information (24) from them and control means (14) for controlling said illumination means (11) to illuminate said illumination area (3) allowing the detection of optical detection signals (23) from which a vital sign information (24) can be derived despite changes of the visual theme (20).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013

(21) Application No.8942/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMPOSITION COMPRISING FATTY ACYL ISETHIONATE AND SYNTHETIC WAX AND METHOD PRODUCING THE SAME

(51) International classification :C11D17/00,C11D1/12,A61Q19/00
(31) Priority Document No :61/498711
(32) Priority Date :20/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/GB2012/051363
Filing Date :14/06/2012
(87) International Publication No :WO 2012/175935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)COTRELL Phillip Loraine
2)MATENA Philip Arie
3)OCONNOR Stephen Moss

(57) Abstract :
A method of preparing a component of a personal care bar the method comprising: (a) providing a composition comprising an isethionate surfactant at a temperature of at least 20°C; (b) combining the composition comprising the isethionate surfactant with a synthetic 5 wax and optional further components at a temperature of at least 120°C; and (c) cooling the mixture obtained in step (b).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013

(21) Application No.8943/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR PROTECTION ZONE SELECTION IN A MULTIPLE BUSBAR ARRANGEMENT

(51) International classification	:H02H1/00	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)ABB Research Ltd**
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(86) International Application No Filing Date	:PCT/EP2011/060224 :20/06/2011	(72)**Name of Inventor :**
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(87) International Publication No	:WO 2012/175108	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :
The present disclosure relates to a method of protection zone selection in a multiple busbar arrangement (11) the multiple busbar arrangement comprising busbar zones (ZA1 ZB1 ZC1 ZA2 ZB2 ZC2) and bays (FB 1 BC 1 BS BC 2 FB 2) connectable to the busbar zones (ZA1 ZB1 ZC1 ZA2 ZB2 ZC2) which bays (FB 1 BC 1 BS BC 2 FB 2) comprise measurement transformers (CT1 CT2 CT3 CT4 CT5 CT6 CT7 CT8). The method comprises the steps of: receiving first connection data comprising information of an operational status of measurement transformer to busbar zone connections; determining all pairs of connected busbar zone to busbar zone connections based on the first connection data; comparing data representing pairs of busbar zone to busbar zone connections based on the comparing; assigning each pair of busbar zones which has a busbar zone in common with at least another pair of busbar zone to busbar zone connection to a respective protection zone; and defining any busbar zone that is not connected to any other busbar zone as a protection zone. The present invention also relates to a computer program product and a device for carrying out the method.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8944/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ADJUSTABLE SAFETY BARRIER SYSTEM

(51) International classification :E04G21/32,E04F11/18,E04F10/08
(31) Priority Document No :2011901317
(32) Priority Date :11/04/2011
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2012/000360
Filing Date :10/04/2012
(87) International Publication No :WO 2012/139154
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VARVARIS Nicolaos

(57) Abstract :
The present invention provides a safety barrier for open air floors rooftops and openings from which an individual is at risk of falling from a height such as windows and balconies. More specifically the present invention relates to a safety barrier that can be pivotally adjusted between an open and closed position.

No. of Pages : 41 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8945/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING A DEVICE FOR AIDING VISION

(51) International classification :A61N1/36,A61F9/08,G06K9/46
(31) Priority Document No :11 54116
(32) Priority Date :12/05/2011
(33) Name of priority country :France
(86) International Application No:PCT/FR2012/051052
Filing Date :11/05/2012
(87) International Publication No :WO 2012/153073
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LORACH Henri
2)BENOSMAN Ryad
3)SAHEL Jos
4)PICAUD Serge

(57) Abstract :
An input signal (f) representative of a scene to be viewed comprises for each pixel of a matrix of pixels an event based asynchronous signal sequence obtained as a function of variations of light relating to the pixel in the scene. This input signal is transformed spatially within the matrix of pixels and temporally along the signal sequences to generate respective control signals (S) for pixel zones of a device for aiding vision (20).

No. of Pages : 29 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8621/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE AND METHOD FOR EXTRACTING INFORMATION FROM CHARACTERISTIC SIGNALS

(51) International classification :G06T7/00
(31) Priority Document No :11162384.9
(32) Priority Date :14/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051449
Filing Date :27/03/2012
(87) International Publication No :WO 2012/140531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DE HAAN Gerard
2)BARTULA Marek Janusz

(57) Abstract :
The present invention relates to a device and a method for extracting information from detected characteristic signals. A data stream (26) derivable from electromagnetic radiation (20) emitted or reflected by an object (10) is received. The data stream (26) comprises a continuous or discrete characteristic signal (68) including physiological information (30) indicative of desired object motion to be detected and utilized so as to extract at least one at least partially periodic vital signal of interest. A plurality of characteristic index elements (60) can be derived from the data stream (26) through a dimensional reduction (66). The plurality of characteristic index elements (60) comprises a directional motion component (70) associated with a disturbance reduced index element (40) having a determined orientation substantially aligned with a reference motion direction (41) indicative of the desired object motion. Consequently dimensional reduced data can be utilized for detecting the vital signal of interest.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8623/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FAIL SAFE AND EASY ACCESS LOCK FOR MRI RECEIVER COIL

(51) International classification :G01R33/34
(31) Priority Document No :61/476469
(32) Priority Date :18/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051791
Filing Date :12/04/2012
(87) International Publication No :WO 2012/143827
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)FRIMAN Olli Tapio

(57) Abstract :
A local radio frequency (RF) coil assembly (A) defining a pediatric patient receiving region (12) to be mounted to a patient support table (B) of an MRI scanner (E). The local RF coil assembly (A) includes a rigid coil body (16 18) operatively connected to an adjustable coil part (20) along a hinge axis (26). A carrier (F) is configured to receive a pediatric patient (C) and be positioned into engagement with the local RF coil assembly (A).An interlock assembly (51) holds the adjustable coil part (20) in a selected position (50) when the carrier (F) interacts with the adjustable coil part (20). At least one bearing (34 36) is configured to pivot and bias the adjustable coil part (20) relative to the carrier (F) and gravity bias the interlock assembly and the carrier (F) into an interlocking engagement. The adjustable coil part (20) is gravity biased to the open position (28) when the carrier (F) is removed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8970/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUSES AND METHODS FOR HDR IMAGE ENCODING AND DECODING

(51) International classification :H04N7/26,G06T5/00
(31) Priority Document No :11164005.8
(32) Priority Date :28/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052029
Filing Date :23/04/2012
(87) International Publication No :WO 2012/147022
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MERTENS Mark Jozef Willem

(57) Abstract :
To make available a HDR image encoding mechanism with strongly improved usability we describe an image encoding unit (301) arranged to encode a high dynamic range image (IM_HDR in) comprising: an LDR selector (311) for identifying a low dynamic range of luminances (R_Norml_LDR) or corresponding range of luma code values (R_LDR) within the total range of luminances (Range_HDR) covered by the high dynamic range image; a HDR selector for selecting at least one complementary range (R_above) within the total range of luminances (Range_HDR) comprisingmostly luminances not covered by the low dynamic range of luminances (R_Norml_LDR); a code mapping unit (315) arranged to encode in a first image (Im_1) having a luma component comprising N bit code words pixel luminances of the high dynamic range image (IM_HDR in) falling within the low dynamic range of luminances (R_Norml_LDR) to code values (Y_out) according to a first mapping (CMAP_L) and pixel luminances of the high dynamic range image (IM_HDR in) falling within the at least one complementaryrange (R_above) to code values (Y_out) according to a second mapping (CMAP_H) wherein the first and second mappings map to disjunct subranges of the range of luma code values of the first image (RcTot_Im1).

No. of Pages : 49 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8627/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MRI INVOLVING A LOCAL RF COIL BEING MOVABLE RELATIVE TO A PEDIATRIC PATIENT CARRIER

(51) International classification	:G01R33/30,G01R33/34,A61B6/04
(31) Priority Document No	:61/476463
(32) Priority Date	:18/04/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2012/051788 :12/04/2012
(87) International Publication No	:WO 2012/143825
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)FRIMAN Olli Tapio

(57) Abstract :
A pediatric patient (110) e.g. 0 18 months is positioned in a patient carrier (100) and prepared for magnetic resonance imaging. The carrier (100) and patient (110) are set on a patient support table (170) of the MRI scanner on which table a local RF coil assembly (180) has been mounted. The carrier (100) is slid along the table (170) into engagement with the RF coil assembly (180). Interacting guide surfaces on the carrier (100) and RF coil assembly (180) align the carrier (100) with a longitudinal axis of the table (170). The RF coil assembly (180) includes a pivotally mounted anterior coil (290) which is lowered into an imaging or operating position (400). The table with the engaged RF coil assembly (180) carrier (100) and pediatric patient (110) is translated into a magnetic imaging region (330) of the MRI scanner.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8628/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WAKE UP APPLIANCE WITH SNOOZE FUNCTION

(51) International classification :G04G11/00,G04G13/02
(31) Priority Document No :11162369.0
(32) Priority Date :14/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051679
Filing Date :05/04/2012
(87) International Publication No :WO 2012/140549
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GODLIEB Robert
3)HOMMES Vanja
4)VELDHUIS Willem Henderikus

(57) Abstract :
A wake up appliance (100; 200; 300) comprises: an alarm device (20) generating an alarm signal; a control device (10) controlling the alarm device; at least one controllable light generating device (1000; 2000; 3000) controlled by the control device. When the control device finds that an actual time becomes equal to a predetermined alarm time it activates the alarm device. When the control device receives a user input signal at a snooze input it stops the alarm signal and increases the intensity of at least a portion of the light generated in a blue range of the light spectrum.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/10/2013

(21) Application No.8629/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STRESS MEASURING DEVICE AND METHOD

(51) International classification :A61B5/053,A61B5/16
(31) Priority Document No :11162418.5
(32) Priority Date :14/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051592
Filing Date :02/04/2012
(87) International Publication No :WO 2012/140537
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)OUWERKERK Martin

(57) Abstract :
The present invention relates to a stress measuring device (10) and method for determining a level (15) of stress of a user (1) in particular long term stress. The stress measuring device (10) comprises an input interface (12) for receiving a skin conductance signal (11) indicating the skin conductance of the user (1) the skin conductance signal (11) over time forming skin conductance trace data (13). The stress measuring device (10) further comprises a processing unit (14) for processing the skin conductance trace data (13) the processing unit (14) adapted to determine over at least a portion of the skin conductance trace data (13) values of a rise time (tr) between at least two different points of the skin conductance trace data (13) to determine a frequency distribution of the rise time (tr) values and to determine the level (15) of stress of the user (1) based on the determined frequency distribution.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8987/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CONDUCTIVE SHEET AND TOUCH PANEL

(51) International classification :G06F3/044,G06F3/041
(31) Priority Document No :2011108295
(32) Priority Date :13/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/062120
Filing Date :11/05/2012
(87) International Publication No :WO 2012/157555
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KURIKI Tadashi

(57) Abstract :
The present invention pertains to a conductive sheet and a touch panel. A first conductive pattern (18A) and a second conductive pattern (18B) are both configured from the combination of a plurality of first lattices (22a) and a plurality of second lattices (22b) having a size that is larger than that of the first lattices (22a). Of the first conductive pattern (18A) the portion facing the second conductive pattern (18B) is configured from a plurality of second lattices (22b) of the second conductive pattern (18B) the portion facing the first conductive pattern (18A) is configured from a plurality of second lattices (22b) and when seen from the top surface the portions at which the first conductive pattern (18A) and the second conductive pattern (18B) are facing have a form that combines a plurality of first lattices (22a).

No. of Pages : 99 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8554/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS AND DEVICES FOR DATA EXCHANGE BETWEEN USER EQUIPMENT AND APPLICATION SERVER

(51) International classification	:H04W48/18,H04L29/12,H04L29/06
(31) Priority Document No	:13/107276
(32) Priority Date	:13/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/037843 :14/05/2012
(87) International Publication No	:WO 2012/158646
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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(57) Abstract :
A user equipment UE (200) and an application server (170) exchange data in a wireless communications network. The UE connects to both a wireless local area network (WLAN) and a wireless wide area network (WWAN). The application server (170) is positioned within the WWAN behind a WWAN firewall (405). The WLAN includes a WLAN network address translation NAT component (430) and firewall (435) such that the UE and the application server do not have a persistent data connection over the WLAN. The application server can open a WWAN firewall to permit uploads from the UE over the WLAN. The UE can open the WLAN firewall and/or NAT to permit downloads from the application server over the WLAN. In another embodiment the application server or UE can upload files to a server (410) outside the WLAN and WWAN firewalls and send a link to the uploaded files for retrieval.

No. of Pages : 71 No. of Claims : 60

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/10/2013

(21) Application No.8727/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FITTING FOR A SLIDING DOOR

(51) International classification :E05D15/06
(31) Priority Document No :10 2011 050 394.3
(32) Priority Date :17/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/058853
Filing Date :14/05/2012
(87) International Publication No :WO 2012/156340
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FELD Steffen
4)DOWE Michael
5)KUSCHEL Timo

(57) Abstract :
The invention relates to a fitting for a sliding door (2 2) in particular for furniture comprising at least one roller (4 4) that is rotatably mounted on a holder (6 6) the holder (6 6) being mounted displaceably relative to a mounting plate (7 7) that can be secured to a sliding door (2 2) and further comprising an adjusting mechanism that is activate at least partially in the vertical direction in order to align the vertical position of the mounting plate (7 7) relative to the holder (6 6). According to the invention at least one activator (8 8) that can be engaged with an automatic retracting means and/or a stop (10) is fixed to the holder (6 6) or to the adjusting mechanism.

No. of Pages : 22 No. of Claims : 12

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

(21) Application No.9078/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NETWORK NODE AND METHOD RELATED TO BUFFER ESTIMATION

(51) International classification :H04W72/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/060298
Filing Date :21/06/2011
(87) International Publication No :WO 2012/175113
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)PETTERSSON Jonas

(57) Abstract :
The present invention relates to a network node such as a base station for a wireless communications system and to a method for supporting a change of a buffer estimation state of a user equipment from a passive to a proactive state. The method comprises receiving (410) information describing a buffer status of the user equipment and determining (420) whether to change the buffer estimation state of the user equipment to the proactive state based on the received information. The purpose is to achieve a more correct UE buffer estimation state and thus better accuracy for the buffer estimation.

No. of Pages : 25 No. of Claims : 22

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

(21) Application No.9079/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ULTRASOUND DIAGNOSTIC DEVICE

(51) International classification :A61B8/00
(31) Priority Document No :2011089927
(32) Priority Date :14/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059346
Filing Date :05/04/2012
(87) International Publication No :WO 2012/141068
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MATSUSHITA Noriyoshi

(57) Abstract :
A diagnostic coordinate system specified by a first axis through a third axis is a coordinate system based on a major axis and a minor axis of a follicle F and the starting point is at the position of the center of gravity of the follicle F. The display coordinate system is an XYZ coordinate system. The diagnostic coordinate system is moved in parallel to the display coordinate system from (A) until the starting points are aligned at (B). The diagnostic coordinate system is then rotated until the first axis of the diagnostic coordinate system corresponding to the major axis of the follicle F overlaps the x axis where the angle with the first axis is smallest at (C). Additionally the diagnostic coordinate system is rotated until the second axis of the diagnostic coordinate system corresponding to the minor axis of the follicle F overlaps the z axis where the angle with the second axis is smallest at (D). A tomographic image of the follicle F is formed by an image in a plane that includes the z axis and the x axis an image in a plane that includes the y axis and the z axis and an image in a plane that includes the x axis and the y axis.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8784/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BLACK BLOOD MRI USING A STIMULATED ECHO PULSE SEQUENCE WITH FLOW SENSITIZATION GRADIENTS

(51) International classification :G01R33/563
(31) Priority Document No :61/477833
(32) Priority Date :21/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051776
Filing Date :12/04/2012
(87) International Publication No :WO 2012/143823
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)B–RNERT Peter
3)YUAN Chun

(57) Abstract :
A black blood magnetic resonance imaging sequence is performed using a magnetic resonance scanner. The sequence includes: applying a first flow sensitization gradient; applying a spoiler gradient after applying the first flow sensitization gradient; applying a second flow sensitization gradient after applying the spoiler gradient wherein the second flow sensitization gradient has area equal to the first flow sensitization gradient but of opposite polarity; applying a slice selective radio frequency excitation pulse after applying the spoiler gradient; and performing a magnetic resonance readout after applying the second flow sensitization gradient and after applying the slice selective radio frequency excitation. The readout acquires magnetic resonance imaging data having blood signal suppression in the region excited by the slice selective radio frequency excitation pulse. The magnetic resonance imaging data is suitably reconstructed to generate a black blood image that may be displayed.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8785/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN ELECTRIC LIGHT AND DAYLIGHT CONTROL SYSTEM WITH A DUAL MODE LIGHT SENSOR

(51) International classification :H05B37/02,E06B9/32,E06B9/68
(31) Priority Document No :61/477632
(32) Priority Date :21/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051994
Filing Date :20/04/2012
(87) International Publication No :WO 2012/143900
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)MEIJER Eduard Johannes

(57) Abstract :
An electric light and external light control system for a space with a dual mode light sensor is proposed. The dual mode light sensor (106) measures and computes the amount of external light and electrical light incident on its sensing surface. The individual measured light components (total light electric light and external light) are transmitted to the window treatment controller (103) and the electric light controller (102). The controllers (102 103) use this information to optimally control the lighting condition to meet user requirements and reduce energy consumption. Both controllers (102 103) operate concurrently and independently but are linked via the dual mode sensor (106).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/10/2013

(21) Application No.8786/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MR IMAGING GUIDED THERAPY SYSTEM

(51) International classification :A61B18/18,A61N5/04,A61N5/02
(31) Priority Document No :11163343.4
(32) Priority Date :21/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051600
Filing Date :02/04/2012
(87) International Publication No :WO 2012/143809
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LEUSSLER Christoph

(57) Abstract :
The invention relates to a thermal treatment applicator (19) for the deposition of thermal energy within tissue of a body (10) of a patient. The applicator (19) comprises: a plurality of RF antennae (20) for radiating a RF electromagnetic field toward the body (10); a plurality of RF power amplifiers (21) supplying RF signals to the RF antennae (20) wherein each RF power amplifier (21) comprises a transistor and an output matching network (22) transforming the output impedance of the transistor into a low impedance value. Moreover the invention relates to a MR imaging guided therapy system (1).

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.9103/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CHILD PROTECTOR MECHANISM

(51) International classification :E05B65/20,B60J5/00
(31) Priority Document No :2011092862
(32) Priority Date :19/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060023
Filing Date :12/04/2012
(87) International Publication No :WO 2012/144414
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)AKIZUKI Ryujiro
2)NISHIO Takashi
3)WATANABE Nobuko
4)TOMOCHIKA Masayuki
5)IWATA Masanari
6)SONO Yasuhiko

(57) Abstract :
This child protector mechanism is provided with: a base member; a first lever; a second lever; a bushing provided between the first lever and the second lever; a child protector lever for causing the bushing to move to an unset position or a set position; and a position holding means provided between the first lever and the bushing. The bushing is held at each of the unset position and the set position by means of the position holding means provided between the first lever and the bushing. As a result when assembling the bushing and the first lever to the base member the bushing is held at a predetermined position (for example the unset position) with respect to the first lever and does not move. Consequently the assembly characteristics of the bushing and the first lever and the assembly characteristics of the child protector lever are favorable.

No. of Pages : 33 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8642/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ELECTRIC RATCHET FOR A POWERED SCREWDRIVER

(51) International classification :B25B21/00,A61B17/88,B25B13/46
(31) Priority Document No :13/095600
(32) Priority Date :27/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035004
Filing Date :25/04/2012
(87) International Publication No :WO 2012/149023
(61) 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 XOMED INC.
Address of Applicant :6743 Southpoint Drive North Jacksonville Florida 32216 U.S.A.
(72)**Name of Inventor :**
1)FAIR Christopher L.
2)KOLTZ Michael L. Jr.

(57) Abstract :
A powered screwdriver system includes an electric ratchet. In accordance with one aspect the powered screwdriver system includes a driver housing and includes a motor disposed within the housing. A working end provides a rotational output and is mechanically coupled to the rotor. A power source provides power to the motor. A controller receives signals representative of a motor condition and based on the received signals controls the motor in a manner providing the electric ratchet.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8643/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIRELESS SENSOR READER

(51) International classification :G08C19/12,G08C19/14,G08C19/16
(31) Priority Document No :61/478647
(32) Priority Date :25/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034979
Filing Date :25/04/2012
(87) International Publication No :WO 2012/149008
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NAGY Michael
2)ROWLAND Harry
3)WATKINS Roger
4)SUNDARAM Balamurugan

(57) Abstract :
A wireless sensor reader is provided to interface with a wireless sensor. The wireless sensor reader transmits an excitation pulse to cause the wireless sensor to generate a ring signal. The wireless sensor reader receives and amplifies the ring signal and sends the signal to a phase locked loop. A voltage controlled oscillator in the phase locked loop locks onto the ring signal frequency and generates a count signal at a frequency related to the ring signal frequency. The voltage controlled oscillator is placed into a hold mode where the control voltage is maintained constant to allow the count signal frequency to be determined. The reader uses an ambient reading or other information to select a subset of the possible ring signal frequencies and tunes or adjusts its circuits and algorithms to focus on that subset.

No. of Pages : 28 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8644/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD OF CONTROLLING SILICON OXIDE FILM THICKNESS

(51) International classification :H01L21/00
(31) Priority Document No :61/468696
(32) Priority Date :29/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/031167
Filing Date :29/03/2012
(87) International Publication No :WO 2012/135469
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NATCORE TECHNOLOGY INC.
Address of Applicant :87 Maple Avenue Red Bank NJ 07701 U.S.A.
(72)**Name of Inventor :**
1)ZHANG Yuanchang

(57) Abstract :
A deposition process for coating a substrate with films of a different thickness on front and rear surface of a substrate can be achieve in one growth. The thickness of the film deposition can be controlled by the separation between the substrates. Different separation distances between the substrates in the same chemical bath will result in different film thicknesses on the substrate. Substrates may be arranged to have different separation distances between front and back surfaces a V shaped arrangement or placed next to a curtain with varying separation distances between a substrate and the curtain.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/10/2013

(21) Application No.8646/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SOLAR INFRA RED REFLECTIVE PAINTS

(51) International classification :E04D1/28,E04F13/00,C09D7/00
(31) Priority Document No :11166234.2
(32) Priority Date :16/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058849
Filing Date :14/05/2012
(87) International Publication No :WO 2012/156337
(61) 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 COATINGS INTERNATIONAL B.V.
Address of Applicant :Velperweg 76 NL 6824 BM Arnhem Netherlands
(72)**Name of Inventor :**
1)MURRAY Kenneth Andrew
2)OSBORN Barry Norman

(57) Abstract :
An Infra Red reflective architectural paint composition comprising: i. red iron oxide pigment ii. phthalocyanine blue pigment iii. titanium dioxide and optionally yellow iron oxide wherein the composition is free of Infra Red absorptive black pigments Infra Red transparent black pigments and Infra Red reflective black pigments has a lightness value L when dry of from 38 to 88 and the weight ratio of i:ii is from 3 : 1 to 15: 1.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2013

(21) Application No.9131/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ALLOCATING ACCESS TO MULTIPLE RADIO ACCESS TECHNOLOGIES VIA A MULTI MODE ACCESS POINT

(51) International classification :H04W48/18,H04W28/02
(31) Priority Document No :61/490714
(32) Priority Date :27/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/039737
Filing Date :25/05/2012
(87) International Publication No :WO 2012/166671
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)DAS Soumya
2)TINNAKORNSRISUPHAP Peerapol

(57) Abstract :
A multi mode access point supports multiple radio access technologies (e.g. Wi Fi and cellular) and allocates access to the radio access technologies for various access terminals. To provide improved service for access terminals that are a member of a group associated with the access point the access point may give priority access to member access terminals as compared to non member access terminals. For example the access point may give member access terminals exclusive access to one radio access technology while giving non member access terminals access to another (e.g. shared) radio access technology. As another example the access point may provide a higher level of service for member access terminals on at least one type of radio access technology while providing a lower level of service for non member access terminals on the at least one type of radio access technology.

No. of Pages : 68 No. of Claims : 48

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/10/2013

(21) Application No.8516/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MODULATION OF HEPATITIS B VIRUS (HBV) EXPRESSION

(51) International classification :C07H21/02
(31) Priority Document No :61/478040
(32) Priority Date :21/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034550
Filing Date :20/04/2012
(87) International Publication No :WO 2012/145697
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ISIS PHARMACEUTICALS INC.
Address of Applicant :2855 Gazelle Court Carlsbad CA 92010 U.S.A.
(72)**Name of Inventor :**
1)SWAYZE Eric E.
2)FREIER Susan M.
3)MCCALEB Michael L.

(57) Abstract :
Disclosed herein are antisense compounds and methods for decreasing HBV mRNA DNA and protein expression. Such methods compounds and compositions are useful to treat prevent or ameliorate HBV related diseases disorders or conditions.

No. of Pages : 318 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/10/2013

(21) Application No.8692/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR MANUFACTURING PARTICLES

(51) International classification :C07C381/02,C08K5/42,C08L21/00
(31) Priority Document No :2011106947
(32) Priority Date :12/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061515
Filing Date :24/04/2012
(87) International Publication No :WO 2012/153672
(61) 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)SHIRATANI Hiroshi
2)SEKIGUCHI Masahito
3)UEKITA Yasuo

(57) Abstract :
A method for manufacturing particles wherein particles consisting of a compound represented by formula (1) having a median diameter (50% D) that exceeds 100 μm are pulverized using a milling machine in the presence of one or more selected from the group consisting of silica talc and clay to obtain particles consisting of a compound represented by formula (1) having a median diameter (50% D) of 100 μm or less. (In formula (1) R and R each independently represent a hydrogen atom or alkyl group having 1 to 6 carbon atoms or R and R bond together to form a ring together with a nitrogen atom that bonds them. m represents an integer of from 2 to 9. M represents H or a metal ion having a valence of n. n represents an integer of 1 or 2.)

No. of Pages : 94 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.886/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROCESS FOR PREPARING COMPOUND HAVING HIV INTEGRASE INHIBITORY ACTIVITY

(51) International classification :C07D498/14,A61K31/5365,A61P31/18
(31) Priority Document No :2010175899
(32) Priority Date :05/08/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/067832
Filing Date :04/08/2011
(87) International Publication No :WO 2012/018065
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SUMINO Yukihito
2)OKAMOTO Kazuya
3)MASUI Moriyasu
4)YAMADA Daisuke
5)IKARASHI Fumiya

(57) Abstract :
A process for preparing a compound represented by formula (Y1) or (Y2) [wherein R is an optionally substituted carbocyclyl lower alkyl group or the like] using a novel process for preparing a pyridone derivative represented by formula (X4) [wherein R is hydrogen halogen or the like; R is hydrogen a lower alkyl group or the like said lower alkyl group being optionally substituted with one or more selected from substituent group E; R is a lower alkyl group or the like said lower alkyl group being optionally substituted with one or more selected from substituent group E; and R is a lower alkyl group or the like said lower alkyl group being optionally substituted with one or more selected from substituent group E].

No. of Pages : 94 No. of Claims : 19

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

(21) Application No.9057/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PIEZOELECTRIC INKJET DIE STACK

(51) International classification :B41J2/175,B41J2/14
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/042265
Filing Date :29/06/2011
(87) International Publication No :WO 2013/002774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CRUZ URIBE Tony S.
2)SCHEFFELIN Joseph E.
3)YAMASHITA Tsuyoshi
4)CHOY Silam J.

(57) Abstract :
A piezoelectric inkjet die stack includes a circuit die stacked on a substrate die a piezoelectric actuator die stacked on the circuit die and a cap die stacked on the piezoelectric actuator die. Each die in succession from the circuit die to the cap die is narrower than the previous die.

No. of Pages : 38 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/11/2013

(21) Application No.9172/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEMS DISPLAY PIXEL CONTROL CIRCUITS AND METHODS

(51) International classification :G02B26/08,G09G3/34,G11C11/412
(31) Priority Document No :61/492205
(32) Priority Date :01/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040238
Filing Date :31/05/2012
(87) International Publication No :WO 2012/166941
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MIYAMOTO Mitsuhide
2)MATSUMOTO Katsumi
3)KURANAGA Takahide

(57) Abstract :
This disclosure provides latching circuits and pixel circuits and display devices that include such latching circuits. The latches herein include a switch positioned on an interconnect which couples two crosscoupled inverters of the latch. The switch is configured to control a passage of a current between the first and second inverters. By switching the switch OFF at a time a data voltage is transferred to the inverters any leak current between the inverters can be interrupted. As a result a malfunctioning of the data latch is prevented.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2013

(21) Application No.9176/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN INTERCONNECT STRUCTURE TO SUPPORT THE EXECUTION OF INSTRUCTION SEQUENCES BY A PLURALITY OF ENGINES

(51) International classification :G06F13/14,G06F13/38,G06F9/06
(31) Priority Document No :61/488683
(32) Priority Date :20/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038713
Filing Date :18/05/2012
(87) International Publication No :WO 2012/162189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOFT MACHINES INC.
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(72)**Name of Inventor :**
1)ABDALLAH Mohammad

(57) Abstract :
A global interconnect system. The global interconnect system includes a plurality of resources having data for supporting the execution of multiple code sequences and a plurality of engines for implementing the execution of the multiple code sequences. A plurality of resource consumers are within each of the plurality of engines. A global interconnect structure is coupled to the plurality of resource consumers and coupled to the plurality of resources to enable data access and execution of the multiple code sequences wherein the resource consumers access the resources through a per cycle utilization of the global interconnect structure.

No. of Pages : 43 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/10/2013

(21) Application No.8149/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTIPLE MODALITY CARDIAC IMAGING

(51) International classification :A61B6/03
(31) Priority Document No :61/453565
(32) Priority Date :17/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051183
Filing Date :13/03/2012
(87) International Publication No :WO 2012/123896
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)HANSIS Eberhard Sebastian

(57) Abstract :
A multiple modality imaging system 10 for cardiac imaging includes an x ray scanner 24 30 which acquires contrast enhanced CT projection data of coronary arteries with a laterally offset flat panel detector and a SPECT imaging scanner 40a 40b which shares the same examination region and gantry as the x ray scanner acquires nuclear projection data of the coronary arteries. A CT reconstruction processor 34 generates a 3D coronary artery image representation at least one planar coronary artery angiogram and a 3D attenuation correction map from the acquired CT projection data. A SPECT reconstruction processor 44 corrects the acquired nuclear projection data based on the generated attenuation correction map and generates a SPECT image representation of the coronary arteries from the corrected nuclear projection data. A fusion processor 54 combines the nuclear image representation the 3D vessel image representation and the at least one planar vessel angiogram into a composite image.

No. of Pages : 27 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/02/2013

(21) Application No.815/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TACKIFIERS FOR COMPOSITE ARTICLES

(51) International classification :C08L
(31) Priority Document No :61/400828
(32) Priority Date :03/08/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/046453
Filing Date :03/08/2011
(87) International Publication No :WO 2012/018934
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)BOUGUETTAYA Mohamed
2)FOLEY Nicholas

(57) Abstract :
A composite article comprises a plurality of lignocellulosic pieces and an adhesive system disposed on the plurality of lignocellulosic pieces for bonding the plurality of lignocellulosic pieces. The adhesive system comprises a binder component and a tackifier component. The tackifier component comprises a cationic polymer. The tackifier component is useful for maintaining orientation of the plurality of lignocellulosic pieces during manufacture of the composite article. The composite article may be various engineered lignocellulosic composites such as particleboard.

No. of Pages : 67 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.8422/CHENP/2013 A
(43) Publication Date : 12/12/2014

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

(51) International classification :G06F3/048,G06F3/041
(31) Priority Document No :2011064170
(32) Priority Date :23/03/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/076080
Filing Date :11/11/2011
(87) International Publication No :WO 2012/127733
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HIGUCHI Kazutoshi

(57) Abstract :
An information processing device according to the present invention comprises: a display unit; a touch panel which is positioned on top of the display unit detects the contact or approach of an indicating means and outputs a detection result; and a control unit which displays all or part of an operation image on the display unit and if a drag operation which causes the point of contact where the indicating means and touch panel have come into contact with or are proximate to each other is made to slide when part of the operation image is being displayed on the display unit specifies the direction and amount of movement of the point of contact that accompany the drag operation and scrolls the display of the display unit by an amount corresponding to the specified amount of movement in the direction opposite to the specified direction of movement.

No. of Pages : 32 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.9228/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TEMPORALLY CORRELATED ACTIVITY STREAMS FOR CONFERENCES

(51) International classification :H04N7/14,G11B27/034,H04L12/18
(31) Priority Document No :13/111894
(32) Priority Date :19/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2011/037443
Filing Date :20/05/2011
(87) International Publication No :WO 2012/158177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)ROMANOV Mikhail
2)VENKATA NAGA RAVI Kiran Vedula
3)CHAN Eric S.

(57) Abstract :
Techniques are provided for capturing events and activities that occur during a conference generating metadata related to the events and correlating the metadata with specific points in time within the conference at which the corresponding events occurred. The resulting temporally correlated event metadata may be stored as part of the conference recording or separate from the conference recording. Once the temporally correlated event metadata has been stored for a conference the conference may be indexed based on the metadata. The index may then be used to not only to locate a conference that satisfies specified search criteria but to identify the points or snippets within the conference that correspond to the search criteria.

No. of Pages : 38 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2013

(21) Application No.8832/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS FOR WIRELESS COMMUNICATION

(51) International classification :H01Q1/24,H01Q9/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2011/051483
Filing Date :06/04/2011
(87) International Publication No :WO 2012/137040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)CVIKO Mirsad
2)PINTO Alexandre

(57) Abstract :
An apparatus comprising: a conductive member configured to receive an antenna and to form a non conductive region between the conductive member and a ground member; and a switch having a first closed configuration and a second open configuration the first closed configuration being configured to couple the conductive member to the ground member across the non conductive region and to provide a first current path having a first electrical length and a first resonant frequency the second open configuration being configured to provide a second current path having a second electrical length and a second resonant frequency the second resonant frequency being lower than the first resonant frequency.

No. of Pages : 30 No. of Claims : 22

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

(21) Application No.9080/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AMINO ACID SEQUENCES DIRECTED AGAINST IL 17A IL 17F AND/OR IL17 A/F AND POLYPEPTIDES COMPRISING THE SAME

(51) International classification	:C07K16/24,C07K16/46,A61K39/395
(31) Priority Document No	:61/482802
(32) Priority Date	:05/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2012/058313 :04/05/2012
(87) International Publication No	:WO 2012/156219
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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9)CHEVALET Laurent
10)LEGER Olivier

(57) Abstract :
The present disclosure relates to amino acid sequences that are directed against (as defined herein) any of IL 17A IL 17F and/or IL 17A/ F including combinations thereof as well as to compounds or constructs and in particular proteins and polypeptides that comprise or essentially consist of one or more such amino acid sequences.

No. of Pages : 374 No. of Claims : 28

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

(21) Application No.9081/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CATALYZED SOOT FILTER WITH LAYERED DESIGN

(51) International classification :B01D46/00,B01D53/94,F01N3/035
(31) Priority Document No :11166039.5
(32) Priority Date :13/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052356
Filing Date :11/05/2012
(87) International Publication No :WO 2012/156883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)WOLFF Ruediger
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6)LI Yuejin
7)MLLER STACH Torsten
8)HILGENDORFF Marcus

(57) Abstract :
Disclosed is a catalyzed soot filter with layered design. The first coating of the filter comprises an oxidation catalyst comprising platinum (Pt) and optionally palladium (Pd). The second coating of the filter comprises an oxidation catalyst comprising Pd and optionally Pt wherein the Pt concentration in the second coating is lower than the Pt concentration in the first coating and wherein the weight ratio of Pt:Pd in the second coating is in the range of from 1 : 1 to 0 : 1; and wherein the first coating and the second coating are present on the wall flow substrate at a coating loading ratio in the range of from 0.25 to 3 calculated as ratio of the loading of the first coating (in g/inch (g/(2.54cm))): loading of the second coating (in g/inch (g/(2.54cm))).

No. of Pages : 31 No. of Claims : 29

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

(21) Application No.9276/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTEGRATED DEVICE FOR NUCLEIC ACID DETECTION AND IDENTIFICATION

(51) International classification :C12M1/38
(31) Priority Document No :61/477357
(32) Priority Date :20/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/034596
Filing Date :20/04/2012
(87) International Publication No :WO 2012/145730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CARY Robert B.
3)COBB Nathan J.

(57) Abstract :
A disposable assay platform for detecting a target nucleic acid comprising multiple chambers and a method for operating the assay platform. Solutions containing the target nucleic acid move from one chamber to the next chamber by opening a vent pocket. The resulting pressure change enables the solution to flow to the next chamber. The platform comprises an electronic layer and one or more fluid layers bonded together. All heating operations can be performed by using resistive heating elements in the platform. All cooling operations are preferably passive. The platform is preferably operated when in a vertical orientation and can be docked to an external docking station that controls the operation of the platform.

No. of Pages : 71 No. of Claims : 17

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

(21) Application No.9364/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIGHT GENERATING DEVICE

(51) International classification :H05B33/08
(31) Priority Document No :11166696.2
(32) Priority Date :19/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052346
Filing Date :11/05/2012
(87) International Publication No :WO 2012/156878
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KAHLMAN Henricus Marius Joseph Maria
3)KURT Ralph
4)SAUERLAENDER Georg
5)HONTELE Bertrand Johan Edward
6)TAO Haimin

(57) Abstract :
A light generating device (1) is provided with at least a voltage input (21) adapted for receiving a variable voltage at least three LED circuits (10) coupled with said voltage input (21) wherein each LED circuit (10) comprises a LED unit (14) and controllable current regulator (15) to control the current through said LED circuit (10). The light generating device (1) further comprises a controllable switch matrix (30) comprising a plurality of switches (25 26 27) said switch matrix (30) is configured to operate in at least three different switching modes and a controller (50) connected at least with said switch matrix (30) configured to determine said variable operating voltage and to control the switching mode of said switch matrix (30) in dependence of the determined operating voltage. To provide an efficient operation of such device (1) with a variable operating voltage such as an AC voltage in a first switching mode said LED units (10) are connected parallel to each other in a second switching mode at least two of said LED units (10) are connected in series and in a third switching mode said LED units 10 are connected in series with each other.

No. of Pages : 44 No. of Claims : 18

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

(21) Application No.9045/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR PARSING MMS INFORMATION

(51) International classification :H04W4/12
(31) Priority Document No :201110092409.7
(32) Priority Date :13/04/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/073464
Filing Date :01/04/2012
(87) International Publication No :WO 2012/139471
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Disclosed are a method and device for parsing MMS information. The method includes: determining the storage location information corresponding to a first keyword of the received MMS information; determining keyword information in the storage location corresponding to the storage location information; when the first keyword is identical to a second keyword in the determined keyword information taking the keyword attribute of the keyword information as the keyword attribute corresponding to the first keyword; and parsing the MMS according to the keyword attribute corresponding to the first keyword. There is no need to conduct a large amount of comparisons when determining the keyword attribute corresponding to the keyword in MMS information according to the correlation between the storage location information and the keyword information thus the parsing speed and response speed are increased and the parse efficiency improved.

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

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

(21) Application No.9048/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPLICATION FOR VIEWING IMAGES

(51) International classification :G06F3/048
(31) Priority Document No :61/607,550
(32) Priority Date :06/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/020055
Filing Date :03/01/2013
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :8707/CHENP/2013
Filed on :29/10/2013

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(57) Abstract :
Some embodiments provide an image-viewing application. The image-viewing application includes a first GUI for right-handed users and a second GUI for left-handed users. The first GUI includes an image-selection window on the left side of the GUI, a first set of GUI items in a first particular order from left to right and a second set of GUI items in a second particular order from left to right. the second GUI includes the image-selection window on the right side of the GUI, the first set of GUI items in the first particular order from right to left and the second set of GUI items in the second particular order from left to right. In some embodiments, the right-handed GUI displays a particular tool in a first orientation, while the left-handed GUI displays the particular tool in a second orientation.

No. of Pages : 222 No. of Claims : 20

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

(21) Application No.9050/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FILTER ARRANGEMENT

(51) International classification :B01D29/11,B01D29/52,B01D29/64
(31) Priority Document No :1107563.7
(32) Priority Date :06/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050998
Filing Date :08/05/2012
(87) International Publication No :WO 2012/153117
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The present invention relates to a filter arrangement comprising a plurality of elongate hollow filtration elements each containing a back washing mechanism. The back washing mechanisms comprise at least one debris receiving portion having a cross section corresponding to the cross section of the hollow filtration element.

No. of Pages : 41 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/11/2013

(21) Application No.9322/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR SOLUTION HARDENING OF A COLD DEFORMED WORKPIECE OF A PASSIVE ALLOY AND A MEMBER SOLUTION HARDENED BY THE METHOD

(51) International classification :C23C8/26,C23C8/34
(31) Priority Document No :PA 2011 70208
(32) Priority Date :28/04/2011
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2012/050139
Filing Date :27/04/2012
(87) International Publication No :WO 2012/146254
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SOMERS Marcel A.J.

(57) Abstract :
The invention relates to a method for method for formation of expanded austenite and/or expanded martensite by solution hardening of a cold deformed workpiece of a passive alloy which method comprises a first step of dissolving at least nitrogen in the workpiece at a temperature T1 which is higher than the solubility temperature for carbide and/or nitride and lower than the melting point of the passive alloy and a subsequent second step of dissolving nitrogen and/or carbon in the work piece at a temperature T2 which is lower than the temperature at which carbides and/or nitrides form in the passive alloy. The invention further relates to a member such as a lock washer for securing bolts or nuts prepared using the method.

No. of Pages : 37 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.9426/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : IMPROVED METHOD AND APPARATUS FOR SHIPPING AND STORAGE OF CRYOGENIC DEVICES

(51) International classification :F25D3/10,F25D29/00
(31) Priority Document No :61/330937
(32) Priority Date :04/05/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2011/051888
Filing Date :28/04/2011
(87) International Publication No :WO/2011/138717
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
An International Organization for Standardization (ISO) shipping container 10 includes a cryogenic refrigeration system 14 for cryogenically cooling superconducting magnet(s) 12A 12B during transit. The cryogenic refrigeration system 14 monitors the temperature and/or pressure of the superconducting magnet(s) and circulates a refrigerant to the superconducting magnet(s) to maintain cryogenic temperatures in superconducting coils. A power supply 16 provided by a transportation vehicle connects to the cryogenic refrigeration system via a power inlet 20 which is accessible from the exterior of the shipping container. The superconducting magnet(s) are suspended within the shipping container which is then loaded onto the transportation vehicle. The external power supply is connected to the cryogenic refrigeration system such that refrigerant is circulated to a cold head 22A 22B of each superconducting magnet. Maintaining cryogenic temperatures during transit minimizes losses to any liquid cryogen or gaseous cryogen installed in the superconducting prior to transit.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2013

(21) Application No.869/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : N HYDROXYFORMAMIDE DERIVATIVE AND PHARMACEUTICAL CONTAINING SAME

(51) International classification	:C07C317/40,A61K31/16,A61K31/5375
(31) Priority Document No	:2010156025
(32) Priority Date	:08/07/2010
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2011/065317 :05/07/2011
(87) International Publication No	:WO 2012/005229
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(57) Abstract :
A compound represented by the following general formula (I) which has ADAM17 inhibitory activity, or a salt thereof, or a solvate thereof: wherein X represents a phenylene group; Y represents a hydrogen atom, -(CH2)mR1 or the like; R1 represents -NR5COR2, -NR5S02R2 or -NR3R4; R2 represents a C1-C6 alkyl group, an aryl group, or a C1-C6 alkoxy group; R3 and R4 represent a C1-C6 alkyl group and the like; R5 represents a hydrogen atom or a C1-C6 alkyl group or the like; m indicates an integer of from 0 to 4; and Z represents a hydrogen atom or a C1-C6 alkyl group.

No. of Pages : 56 No. of Claims : 5

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

(21) Application No.9359/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND DEVICE FOR DETERMINATION OF GAS IN A LIQUID PUMPED THROUGH A PUMPING DEVICE

(51) International classification :G01N7/00
(31) Priority Document No :10 2011 105 824.2
(32) Priority Date :27/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/002201
Filing Date :23/05/2012
(87) International Publication No :WO 2012/163497
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
The invention relates to a method for determination of gas in a liquid wherein the mixture of gas and liquid is delivered by a pump and is also subjected by same to a change of volume and change of pressure operating parameters of the pump that represent the change of volume and change of pressure are detected and the gas fraction is determined from the operating parameters of the pump taking a system compressibility into account wherein the system compressibility in the gas filled pumping device is determined by a sequence of the following steps: setting a starting pressure with a pressure sensor recording the pump position and the pressure sensor values moving to a second pressure level recording the pump position and the pressure sensor values in this second position determining the spring constant on the basis of the pairs of values and equating the spring constant so determined with the system compressibility. The invention further relates to a device for carrying out a method for determination of gas in a pumped liquid and to a dialysis machine that contains a corresponding device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.9427/CHENP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A METHOD FOR OPERATING A MOBILE STATION

(51) International classification :H04W72/04,H04W52/02,H04W84/04
(31) Priority Document No :10305470.6
(32) Priority Date :03/05/2010
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2011/051881
Filing Date :28/04/2011
(87) International Publication No :WO/2011/138716
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CHIAU Choo Chiap

(57) Abstract :
The invention relates to a method for operating a secondary station (110a 110b) said secondary station (110a 110b) comprising communication means for communicating with a primary station (100) the method comprising the step (a) of the secondary station (110a 110b) signaling at least one preferred operating profile (S205) out of a plurality of available operating profiles in response to an event (S204).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.9537/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN AUDIO SYSTEM AND METHOD THEREFOR

(51) International classification :H04S5/00
(31) Priority Document No :11167581.5
(32) Priority Date :26/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052382
Filing Date :14/05/2012
(87) International Publication No :WO 2012/160472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)PARK Mun Hum
3)TRYFOU Georgina

(57) Abstract :
An audio system comprises a receiver which receives an input audio signal. A decomposer (103) decomposes the audio signal into at least a transient component signal and a non transient component signal. An output circuit (105 107 109) then generates a first output audio signal in response to a weighted combination of the transient component signal and the non transient component signal. In the combination the weighting of the transient component signal is different than the weighting of the non transient component signal. A new signal with different emphasis of specific sound characteristics can be achieved. The approach may be particularly suited to generation of new spatial audio channels from an existing spatial audio channel such as in particular the generation of an elevated channel from audio signals of a lower channel.

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

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

(21) Application No.8501/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MR IMAGING WITH B1 MAPPING

(51) International classification :G01R33/24
(31) Priority Document No :11161806.2
(32) Priority Date :11/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051590
Filing Date :02/04/2012
(87) International Publication No :WO 2012/140536
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOERNERT Peter
3)NEHRKE Kay

(57) Abstract :
The invention relates to a method of MR imaging wherein a portion of a body is subjected to an imaging sequence of RF pulses and switched magnetic field gradients which imaging sequence is a stimulated echo sequence including an off resonant Bloch Siegert RF pulse (BS) radiated during a preparation period (21) of the stimulated echo sequence. A B map is derived from the acquired stimulated echo MR signals. Moreover the invention relates to a method of MR imaging wherein a portion of a body is subjected to a first imaging sequence which comprises a first composite excitation RF pulse consisting of two RF pulse components having essentially equal flip angles and being out of phase by essentially 90°. Further the portion of the body is subjected to a second imaging sequence wherein a B map is derived from signal data acquired by means of the first and second imaging sequences.

No. of Pages : 22 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/11/2013

(21) Application No.8815/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEODORISING COMPOSITION

(51) International classification :A61L15/46
(31) Priority Document No :1107181.8
(32) Priority Date :28/04/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/050903
Filing Date :24/04/2012
(87) International Publication No :WO 2012/146916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TOFT John

(57) Abstract :
The present invention relates to an absorbent article such as a sanitary towel impregnated or coated with a deodorising composition comprising a buffering component a deodorising agent and an antimicrobial agent. Such deodorising compositions help to reduce or eliminate odours emanating from the bodily fluids absorbed into the article during use.

No. of Pages : 46 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.9541/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BUTTER HAVING EXCELLENT FLAVOR AND HIGH CONTENT OF NONFAT MILK SOLIDS AND METHOD FOR PRODUCING SAME

(51) International classification :A23C15/02
(31) Priority Document No :2011141252
(32) Priority Date :24/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065467
Filing Date :18/06/2012
(87) International Publication No :WO 2012/176719
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)NAKAOKA Akemi
3)SAITOU Mizue
4)MORIKAWA Hiromi

(57) Abstract :
The purpose of the present invention is to provide a fresh tasting butter that has excellent flavor despite having a high content of nonfat milk solids. The purpose of the present invention is also to provide a butter that is suitable in baked confectionaries as an ingredient in sauces and as burnt butter despite having a high content of nonfat milk solids. [Solution] In the present invention a fresh tasting butter that has excellent flavor despite having a high content of nonfat milk solids can be obtained basically by filtering raw milk (milk) to obtain full fat condensed milk or adding skimmed condensed milk or powdered skim milk to raw milk to obtain full fat condensed milk and using cream obtained by centrifugal separation of the full fat condensed milk.

No. of Pages : 48 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.9542/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FRESH CREAM HAVING RICH BODY TASTE AND METHOD FOR PRODUCING SAME

(51) International classification :A23C9/15
(31) Priority Document No :2011141253
(32) Priority Date :24/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065470
Filing Date :18/06/2012
(87) International Publication No :WO 2012/176721
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)ENDOU Azusa

(57) Abstract :
To provide a fresh cream which has a relatively low fat content and yet has a rich body taste and a method for producing the same. To provide a fresh cream which can be stabilized at a relatively low overrun and has an appropriate viscosity and a method for producing the same. [Solution] According to the present invention a fresh cream which has a relatively low fat content and yet has a rich body taste can be obtained by preparing desalted condensed milk while controlling solid non fat (SNF) concentration and salt concentration and then centrifuging said desalted condensed milk.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.9570/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS APPARATUSES AND COMPUTER PROGRAM PRODUCTS FOR IDENTITY MANAGEMENT IN A MULTI NETWORK SYSTEM

(51) International classification	:H04W4/00,H04W12/06,H04L29/06
(31) Priority Document No	:61/496519
(32) Priority Date	:13/06/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/042015 :12/06/2012
(87) International Publication No	:WO 2012/173965
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)AHMAVAARA Kalle Ilmari

(57) Abstract :
Apparatus and methods of communication include receiving at a device a device specific identifier and a credential associated with an issuing identity provider wherein an identity of the device is capable of authentication by the identity provider based on the device specific identifier and the credential. Further the aspects include storing the device specific identifier and the credential in a secure environment on the device. Additionally the device specific identifier is capable of being associated with different subscriber service accounts each with a different one of a plurality of service providers. The described aspects also include apparatus and methods of an identity provider and a provisioning provider for managing identities in a multiple network environment and apparatus and methods of a service provider for providing the device with access to a service.

No. of Pages : 89 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2013

(21) Application No.8263/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FUNCTIONAL IMAGING BASED ABLATION MONITORING

(51) International classification :A61B18/14,A61B18/24,A61B5/00
(31) Priority Document No :61/468718
(32) Priority Date :29/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051452
Filing Date :27/03/2012
(87) International Publication No :WO 2012/131577
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HUANG Sheng Wen
3)ERKAMP Ramon Quido
4)JANKOVIC Ladislav
5)SHI Yan
6)SHAHZAD Khalid

(57) Abstract :
Functional imaging for localization in biological tissue entails measuring a response in the tissue (240) to electromagnetic radiation. A catheter (200) for real time monitoring of cardiac ablation is employed to distinguish a hemorrhage zone (232) from the sandwiching necrotic and healthy tissue or to distinguish exogenous photoacoustic contrast agent from bordering native tissue. A pair of wavelengths is selected for differential absorption (244) of the radiation in correspondingly the hemorrhage zone or where the contrast agent exists and relatively similar absorption elsewhere. Near infrared laser or LED light may be used photoacoustically to serially acquire (S310 S320) the two datasets to be compared each representative of a time waveform. Alternatively acquisition is for a pair of wavelength bands of microwave induced thermoacoustic data. In either case the members of the dataset pair are combined (110 122) by subtraction or division to effect the piece wise cancellation/enhancement for display (218) of the resulting signal in real time.

No. of Pages : 22 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/10/2013

(21) Application No.8266/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEFIBRILLATOR ELECTRODE PAD WITH TWO PEEL TABS

(51) International classification :A61N1/04
(31) Priority Document No :61/468164
(32) Priority Date :28/03/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/051331
Filing Date :20/03/2012
(87) International Publication No :WO 2012/131536
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GRIESSER Hans Patrick
2)RICHARD Christian James
3)HALSNE Eric Grant

(57) Abstract :
An improved defibrillator electrode (100) has two separate peel tabs (114 116). At least one of the peel tabs is located on the same edge of the electrode backing as that of the electrode wire. The disposition of the peel tabs improves the ability of the rescuer to apply the electrodes to a patient after the electrodes are removed from the release liner (110). In addition the peel tab reduces the risk of damage to the electrode during removal from the release liner.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.9564/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RANDOM NUMBER GENERATOR

(51) International classification :G06F7/58
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/002203
Filing Date :03/05/2011
(87) International Publication No :WO 2012/149944
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)KAIBLINGER Harald
2)SCHR–TTER Florian

(57) Abstract :
The present invention relates to a random number generator for providing a random number and/or a random number combination and/or a random number matrix. According to the invention the random number generator comprises a monitoring apparatus for monitoring at least one game of skill/skilled sport installation on which a game of skill/skilled sport which provides at least one game outcome can be executed by at least one participant wherein the monitoring apparatus comprises game outcome determination means for determining the game outcome and a determination device for determining the random number and/or random number combination and/or random number matrix from one more determined game outcomes.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.9569/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTERACTIVE USER INTERFACE FOR STEREOSCOPIC EFFECT ADJUSTMENT

(51) International classification :H04N13/00,H04N13/04
(31) Priority Document No :61/489224
(32) Priority Date :23/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038411
Filing Date :17/05/2012
(87) International Publication No :WO 2012/162096
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)RAMACHANDRA Vikas

(57) Abstract :
Present embodiments contemplate systems apparatus and methods to determine a user s preference for depicting a stereoscopic effect. Particularly certain of the embodiments contemplate receiving user input while displaying a stereoscopic video sequence. The user s preferences may be determined based upon the input. These preferences may then be applied to future stereoscopic depictions.

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

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

(21) Application No.9586/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : QUANTIZATION PARAMETER PREDICTION IN VIDEO CODING

(51) International classification :H04N7/26,H04N7/50
(31) Priority Document No :61/500103
(32) Priority Date :22/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/043807
Filing Date :22/06/2012
(87) International Publication No :WO 2012/178053
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KARCZEWICZ Marta
3)CHONG In Suk
4)WANG Xianglin

(57) Abstract :
In an example aspects of this disclosure relate to a method of coding video data that includes identifying a plurality of quantization parameter (QP) values associated with a plurality of reference blocks of video data. The method also includes generating a reference QP for the plurality of reference blocks based on the plurality of QPs. The method also includes storing the reference QP and coding a block of video data based on the stored reference QP.

No. of Pages : 71 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013

(21) Application No.8870/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HOT PRESS MOLDED ARTICLE FABRICATION METHOD THEREFOR AND THIN STEEL PLATE FOR HOT PRESS MOLDING

(51) International classification :C22C38/00,B21D22/20,C21D1/18
(31) Priority Document No :2011102408
(32) Priority Date :28/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/061473
Filing Date :27/04/2012
(87) International Publication No :WO 2012/147963
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MURAKAMI Toshio
3)IKEDA Shushi
4)OKITA Keisuke

(57) Abstract :
Provided is a hot press molded article obtained by hot press molding of a thin steel plate wherein by selecting a material where the metallographic structure includes residual austenite at 3 to 20 bulk percent the balance between strength and elasticity can be controlled so as to be within a suitable range and high ductility can be obtained.

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013

(21) Application No.8871/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROTARY ELECTRIC MACHINE

(51) International classification :H02K11/00,H02K5/18,H02K9/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/074499
Filing Date :25/10/2011
(87) International Publication No :WO 2013/061404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A rotary electric machine includes: a case that is composed of a front side housing and a rear side housing; a rotor that is disposed in the case and has a field winding; a stator that is disposed in the case and has an armature winding; a power module that feeds an armature current to the field winding; a heat sink on which the power module is mounted for cooling the power module; a field circuit module that controls a field current flowing to the field winding; and a control circuit module that controls the operation of the power module and the field circuit module. The power module is configured from a pair of power modules installed on a base surface of the heat sink in a mutually opposing manner and the heat sink is configured with a plurality of cooling fins disposed thereon.

No. of Pages : 46 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013

(21) Application No.8872/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HOT PRESS MOLDED ARTICLE METHOD FOR PRODUCING SAME AND THIN STEEL SHEET FOR HOT PRESS MOLDING

(51) International classification :C22C38/00,B21D22/20,C21D1/18
(31) Priority Document No :2011130635
(32) Priority Date :10/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064851
Filing Date :08/06/2012
(87) International Publication No :WO 2012/169640
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MURAKAMI Toshio
3)IKEDA Shushi
4)OKITA Keisuke

(57) Abstract :
A hot press molded article comprising a thin steel sheet formed by hot press molding is provided. By configuring the hot press molded article such that the metal structure includes 80 to 97 area% of martensite and 3 to 20 area% of retained austenite with the remaining structure comprising not more than 5 area% the balance between strength and stretching can be kept in an appropriate range and high ductility can be achieved.

No. of Pages : 36 No. of Claims : 8

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

(21) Application No.9611/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A LIGHT EMITTING MODULE COMPRISING A THERMAL CONDUCTOR A LAMP AND A LUMINAIRE

(51) International classification :H01L33/64,F21K99/00
(31) Priority Document No :11168348.8
(32) Priority Date :01/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052427
Filing Date :15/05/2012
(87) International Publication No :WO 2012/164426
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JAGT Hendrik Johannes Boudewijn

(57) Abstract :
A light emitting module (100) lamp and a luminaire are provided. The light emitting module (100) comprises a housing (106) a solid state light emitter (112) a luminescent element (102) and a thermal conductor (104). The housing (106) comprises a light exit window at a first side of the housing (106) and the housing (106) comprises a base (108) at a second side of the housing being different from the first side the housing (106) enclosing a cavity (114) comprising cavity material being light transmitting. The solid state light emitter (112) is provided within the cavity (114) and is coupled to the base (108). The solid state light emitter (112) is configured to emit light of the first color range into the cavity (114). The luminescent element (102) being optically arranged in between the solid state light emitter (112) and the light exit window. The luminescent element (102) comprises luminescent material for converting at least a part of the light of the first color range into light of a second color range being different from the first color range. The thermal conductor (104) is arranged within the cavity (114) and has a thermal conductivity that is higher than a thermal conductivity of the cavity material. The thermal conductor (104) is thermally coupled to the luminescent element (102) and is thermally coupled to the base (108).

No. of Pages : 30 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2013

(21) Application No.8877/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD SYSTEM AND CONTROLLING BRIDGE FOR OBTAINING PORT EXTENSION TOPOLOGY INFORMATION

(51) International classification :H04L12/56
(31) Priority Document No :201110117096.6
(32) Priority Date :06/05/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/074460
Filing Date :20/04/2012
(87) International Publication No :WO 2012/152178
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)WEI Yuehua
3)YU Jinghai
4)LI Lin

(57) Abstract :
A method system and controlling bridge (CB) for obtaining port extension (PE) topology information and a method and system for processing uplink ports the method for obtaining the port extension topology information comprises: A CB receiving a link layer discovery protocol (LLDP) packet sent by the PE and sensing that the CB itself is connected to the PE; the CB receiving an extended port create message sent by the PE and instantiating the corresponding instantiating ports inside the CB. Using the technical solution can effectively obtain the topology information of a PE connected with a CB and establish a channel for forwarding data.

No. of Pages : 26 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8878/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BIT ALLOCATION FOR 40 MHZ CHANNELS

(51) International classification :H04L5/00
(31) Priority Document No :61/475153
(32) Priority Date :13/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/033618
Filing Date :13/04/2012
(87) International Publication No :WO 2012/142481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SAMPATH Hemanth
4)VAN NEE Didier Johannes Richard
5)VERMANI Sameer
6)SHELLHAMMER Stephen J.

(57) Abstract :
Certain aspects of the present disclosure relate to a technique for generating 40+40 MHz and 40+40+40+40 MHz transmission modes for IEEE 802.11 wireless communications systems using Very High Throughput (VHT) waveforms with application to Television White Space (TVWS) spectrum.

No. of Pages : 56 No. of Claims : 64

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

(21) Application No.9616/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : STEREOSCOPIC DISPLAY WITH IMPROVED VERTICAL RESOLUTION

(51) International classification :H04N13/04,G02B27/26
(31) Priority Document No :11168440.3
(32) Priority Date :01/06/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052629
Filing Date :25/05/2012
(87) International Publication No :WO 2012/164461
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LANGENDIJK Erno Hermanus Antonius

(57) Abstract :
A pixel based 3D display (10) comprising a display panel (11) a striped polarizer (12) and a display controller (15). The display panel (11) comprises a plurality of pixels (41 42) arranged in rows and columns each pixel (41 42) comprising at least four sub pixels having different colors the sub pixels being arranged in two sub rows and at least two sub columns the arrangement of the two sub rows of two adjacent pixels in the same row being interchanged. The striped polarizer (12) overlays the display panel (11) and comprises stripes (13 14) of transparent polarizing material the stripes (13 14) being arranged in an alternating pattern of left eye stripes (13) and right eye stripes (14) wherein the left eye stripes (13) are arranged for converting light to a first polarization and are overlaying one sub row of the two sub rows and wherein the right eye stripes (14) are arranged for converting light to a different second polarization and are overlaying the other sub row of the two sub rows. The display controller (15) is arranged for using sub pixel rendering for controlling a light output of the pixels in accordance with a 3D image to be displayed.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/11/2013

(21) Application No.9619/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : THERAPEUTIC APPLICATION OF PARENTERAL KRILL OIL

(51) International classification :A61K
(31) Priority Document No :13/161101
(32) Priority Date :15/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/001156
Filing Date :13/06/2012
(87) International Publication No :WO 2012/172411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A method of parenterally administering a composition the method including parenterally administering to a person a composition including krill oil in an oil in water emulsion. A parenterally applicable pharmaceutical composition including an oil in water emulsion including a phospholipid obtained from a marine crustacean.

No. of Pages : 53 No. of Claims : 70

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2013

(21) Application No.9721/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CLIP AND ELASTIC BODY ATTACHMENT COMPONENT

(51) International classification :F16B2/06,B62D25/04,F16B2/20
(31) Priority Document No :2011128377
(32) Priority Date :08/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064483
Filing Date :05/06/2012
(87) International Publication No :WO 2012/169499
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MUTO Shinji
3)AKAZAWA Kei
4)MATUDAIRA Yoshimichi

(57) Abstract :
A clip comprises: a pair of sandwiching members disposed to face each other so as to be capable of sandwiching an elastic body; a base member to which one end portion of each of the pair of sandwiching members is connected and to which at least one of the sandwiching members is connected so as to be rotatable the base member being to be mounted on a member on which securing is to be carried out; and pressing members provided to the sandwiching members to press and hold an elastic body between the pair of sandwiching members.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8894/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR DETECTING AN ARC FAULT IN A PHOTOVOLTAIC POWER SYSTEM

(51) International classification :G01R31/02,H02H1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/061251
Filing Date :04/07/2011
(87) International Publication No :WO 2013/004295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BLO Thorsten
4)HOPF Markus
5)BETTENWORT Gerd
6)KRATOCHVIL Marcel
7)MERZ Christopher
8)PRIOR Oliver

(57) Abstract :
A method for detecting an arc fault in a photovoltaic power circuit (1) comprising a photovoltaic generator (2) the method comprising the following steps: A photovoltaic generator (2) is operated at a first working point. A first signal related to a DC current (I) flowing in the power circuit (1) and/or a DC voltage (U) present in the power circuit (1) is determined. The first signal is analyzed and it is determined whether the signal indicates the presence of an electric arc (7 8) in the power circuit (1). In case the first signal indicates the presence of an electric arc (7 8) in the power circuit (1) the photovoltaic generator (2) is operated at a second working point and a second signal related to the DC current (I) flowing in the power circuit (1) and/or the DC voltage (U) present in the power circuit (1) is determined. The first and the second signal are then compared; and the occurrence of an arc fault (7 8) in the power circuit (1) is signaled if a result of the comparison of the preceding step (f) indicates the presence of an electric arc (7 8). The invention further relates to an arc fault detection system (10) designed to perform a method as described above and to a photovoltaic power system and an inverter (5) for a photovoltaic power system comprising such an arc fault detection system (10).

No. of Pages : 24 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8895/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCTION OF ENANTIOMERICALLY PURIFIED AMINO ACIDS

(51) International classification :C12N9/90
(31) Priority Document No :61/474455
(32) Priority Date :12/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/000836
Filing Date :10/04/2012
(87) International Publication No :WO 2012/140507
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)BAXTER Scott
2)CAMPOPIANO Dominic
3)HOLT TIFFIN Karen Elizabeth

(57) Abstract :
The present application relates to a mutated Amycoiatopsis sp . TS 1 60 NAAAR that shows improved activity of the enzyme compared with the wild type . TS 1 60 NAAAR. The mutated NAAAR is almost five times more active than its wiid type counterpart. The present application also relates to the use of mutated . TS 1 60 NAAAR in the production of enantiomerically pure amino acid from its N acyl derivative via dynamic kinetic resolution method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8896/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDICAL DEVICE FOR A CARDIAC VALVE IMPLANT

(51) International classification :A61F2/24
(31) Priority Document No :11164750.9
(32) Priority Date :04/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/058278
Filing Date :04/05/2012
(87) International Publication No :WO 2012/150346
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :Mkelankatu 58 60 3rd Floor FI 00510 Helsinki Finland
(72)**Name of Inventor :**
1)KER„NEN Olli
2)VIRTANEN Jani

(57) Abstract :
A medical device for holding a cardiac valve implant is disclosed comprising an elongate support defining a peripheral edge with a curvature about which the cardiac valve implant can be fitted wherein the elongate support comprises a resilient portion for resiliently holding the cardiac valve implant in place in said device and a support tool for holding a cardiac valve implant comprising first and second elongate support members being separate and radially movable in relation to each other each having a curvature about which said cardiac valve implant can be fitted and a manipulator portion connected to said first and second elongate support members.

No. of Pages : 37 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2013

(21) Application No.9720/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTRAVASCULAR BLOOD PUMP AND METHOD OF IMPLANTATION

(51) International classification :A61M1/10
(31) Priority Document No :61/485856
(32) Priority Date :13/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/037596
Filing Date :11/05/2012
(87) International Publication No :WO 2012/158543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)STRUEBER Martin
2)ENSZ Lisa

(57) Abstract :
A blood pump is implantable within the vasculature such as within the pulmonary artery. The pump may project through a native valve such as the pulmonary valve. In use the pump opposes retrograde flow and thus acts as a replacement for the native valve. The pump may be an axial flow pump having a generally tubular housing adapted to fit within the space proximal to the bifurcation of the pulmonary artery while projecting only slightly proximally of the annulus of the native pulmonary valve.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.9571/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE FOR MANUFACTURING THREE DIMENSIONAL NETWORK STRUCTURE AND METHOD FOR MANUFACTURING THREE DIMENSIONAL NETWORK STRUCTURE

(51) International classification :D04H3/16,D04H3/033
(31) Priority Document No :2012198530
(32) Priority Date :10/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005037
Filing Date :27/08/2013
(87) International Publication No :WO 2014/038151
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)TAKAOKA Nobuyuki

(57) Abstract :
The purpose of the present invention is to improve production efficiency of a three dimensional network structure while maintaining the quality of the three dimensional network structure surface. A second chute (6) is disposed between the first chutes (4a 4b) at the lower part of an unformed area (33). Threads (20a 20b) positioned in longitudinal side parts (22b 22c) on the outside of aggregates (21a 21b) are in contact with sloped surfaces (46a 46b) of the second chute (6) the vertical downward trajectory thereof being disrupted and while interlocking with adjacent threads (20a 20b) in loop shapes are cooled by water supplied from openings (51a 51b 51c) and pass between first chutes (4a 4b) and the second chute (46a 46b).

No. of Pages : 61 No. of Claims : 8

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

(21) Application No.9576/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS FOR HANDLING BIOLOGICAL DRUGS CONTAINING LIVING CELLS

(51) International classification	:A61K39/00,A61K38/17,G01N33/53
(31) Priority Document No	:61/481991
(32) Priority Date	:03/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/036103 :02/05/2012
(87) International Publication No	:WO 2012/151266
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)HAR NOY Michael

(57) Abstract :
The present invention includes methods for handling live cell compositions in non nutritive buffer. The cells in the compositions maintain their identity and functional characteristics after being stored in non nutrititive media up to about 72 hours. The storage method enables the cells to be manufactured at a processing facility and shipped to a point of care site. The invention also includes compositions that have been stored in non nutritive buffer at storage temperatures while maintaining the functional characteristics.

No. of Pages : 49 No. of Claims : 32

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

(21) Application No.9577/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : BUCKLE CONTAINING STRUCTURE FOR SEAT

(51) International classification :B60R22/26,A47C7/02,A47C7/62
(31) Priority Document No :2011209049
(32) Priority Date :26/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/065191
Filing Date :14/06/2012
(87) International Publication No :WO 2013/046815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)SUZUKI Seiji
3)SUZUKI Keisuke

(57) Abstract :
Provided is a buckle containing structure for a seat the buckle containing structure having improved quality of appearance. A buckle containing structure for a seat is configured in such a manner that a buckle containing recess (8) open at the top is formed in a seat cushion (2) supported on a vehicle body floor (20) a buckle insertion section (28) through which a buckle (9) connected to the vehicle body floor (20) is passed is formed in the bottom (8T) of the buckle containing recess (8) and the buckle (9) is passed through the buckle insertion section (28) and contained in the buckle containing recess (8). A ring shaped rubber band (15) is provided on the rear side of the bottom (8T) of the buckle containing recess (8). The buckle (9) is passed through the rubber band (15) and then through the buckle insertion section (28) and contained in the buckle containing recess (8).

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2013

(21) Application No.9788/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : RECEPTION APPARATUS, TERMINAL APPARATUS, CONTROL METHOD, PROGRAM, AND COMMUNICATION SYSTEM

(51) International classification :H04N7/173,H04H60/80
(31) Priority Document No :61/497344
(32) Priority Date :15/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2012/064806
Filing Date :08/06/2012
(87) International Publication No :WO 2012/173060
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)DEWA Yoshiharu

(57) Abstract :
The present technology relates to a receiver device capable of controlling behavior of an external device connected to the receiver device in conjunction with AV content a terminal device a control method a program and a communication system. This receiver device in response to a first command for controlling behavior of a first application program executed in conjunction with the AV content executes the first application program whereupon if the receiver device is connected to an external device when the external device is caused to operate in conjunction with the AV content a second command for controlling the behavior of a second application program is transmitted to the external device so that upon receiving the first command which has been transmitted from the external device which is executing the second application program the first application program is executed in accordance with the received first command. The present technology can for example be applied to a digital broadcast receiver device for receiving a digital television broadcast signal.

No. of Pages : 144 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013

(21) Application No.8930/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COMMUNICATIONS DEVICE WITH EXTENDABLE SCREEN

(51) International classification :H04B1/38,H04M1/02
(31) Priority Document No :61/482138
(32) Priority Date :03/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/036354
Filing Date :03/05/2012
(87) International Publication No :WO 2012/151418
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MINNICK Dan J.

(57) Abstract :
Described herein are apparatuses and mechanisms for providing an extendable screen in a portable communications device. A portable communications device may be provided with a multi part screen a portion of which may be extended to provide an expanded viewing display surface or may be retracted to provide a reduced viewing mode and increased portability. In a reduced viewing mode a graphical display may be provided on a first visible portion of a multi part display screen where one or more other screen portions are retracted and/or obscured from view in order to provide a portable mode for the communications device. In an extended viewing mode the one or more other screen portions may be extended and/or brought into the same plane as a first portion of the multi part display in order to provide increased display size and resolution.

No. of Pages : 42 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013

(21) Application No.8931/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING SERVICE PROVIDER CONTROLLED COMMUNICATION SECURITY

(51) International classification :H04L29/06,H04W12/00
(31) Priority Document No :61/480868
(32) Priority Date :29/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/FI2012/050390
Filing Date :20/04/2012
(87) International Publication No :WO 2012/146824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ALAKONTIOLA Jukka Sakari

(57) Abstract :
An approach is provided for service provider controlled communication security. A security platform receives a request for a secure connection from a client device. The security platform determines context information associated with the device an access network a user of the device or a combination thereof and then processes and/or facilitates a processing of the context information to determine one or more encryption ciphers. Next the security platform causes at least in part establishment of the secure connection using at least in part the one the offered encryption ciphers.

No. of Pages : 28 No. of Claims : 24

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

(21) Application No.9811/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MULTIPORT ETHERNET INTERFACE DEVICE AND METHOD FOR IDENTIFYING PORTS THEREOF

(51) International classification :H04L12/28
(31) Priority Document No :201110120010.5
(32) Priority Date :10/05/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/074658
Filing Date :25/04/2012
(87) International Publication No :WO 2012/152184
(61) 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
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(72)**Name of Inventor :**
1)WANG Jisheng

(57) Abstract :
Disclosed is a method for identifying ports of a multiport Ethernet interface device comprising: the multiport Ethernet interface device receiving a packet transmitted by a port module of a network device; acquiring information of a switch chip or of a network processor (NP) of a corresponding network device on the basis of in port information of the packet transmitted by the port module and of a preset mapping table; the mapping table comprising a corresponding relation between the information of the switch chip or of the NP and the in port information; writing the information of the switch chip or of the NP into the packet transmitted by the port module and transmitting to the corresponding switch chip or NP thereby allowing the switch chip or the NP to acquire the in port information on the basis of the information of the switch chip or of the NP. Also provided in the present invention is a corresponding device. The method for identifying the ports of the multiport Ethernet interface device and the multiport Ethernet interface device provided in the present invention implement truly the multiport Ethernet interface device.

No. of Pages : 24 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2013

(21) Application No.9812/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DERIVATION OF THE POSITION IN SCAN ORDER OF THE LAST SIGNIFICANT TRANSFORM COEFFICIENT IN VIDEO CODING

(51) International classification :H04N7/26
(31) Priority Document No :61/502269
(32) Priority Date :28/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/044633
Filing Date :28/06/2012
(87) International Publication No :WO 2013/003584
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)JOSHI Rajan Laxman
3)KARCZEWICZ Marta

(57) Abstract :
A video decoder converts a block based LSC indicator into a scan based LSC indicator. The block based LSC indicator indicates coordinates of a last significant coefficient of a block of transform coefficients according to a scanning order. The scan based LSC indicator indicates an ordinal position of the LSC according to the scanning order. The video decoder may decode based on the scan based LSC indicator a significance map for the block.

No. of Pages : 71 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/11/2013

(21) Application No.9189/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MBAN CHANNEL USE REGULATION SCHEME AND ADAPTIVE CHANNELIZATION FOR IEEE 802.15.4J STANDARDIZATION

(51) International classification	:H04W16/14,A61B5/00,H04W84/18
(31) Priority Document No	:61/481441
(32) Priority Date	:02/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2012/052110 :27/04/2012
(87) International Publication No	:WO 2012/150534
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)WANG Dong

(57) Abstract :
A medical system includes one or more medical body area network (MBAN) systems. Each MBAN system includes one or more MBAN devices which acquire and communicate patient data with a hub device via short range wireless communication. The communication of the patient data via the short range wireless communication is within a predefined spectrum. The hub device receives patient data communicated from the one or more MBAN devices and communicates with a central monitoring station via a longer range communication. A MBAN channelization scheme defines one or more overlapping channels in the predefined spectrum and a MAC parameter dynamically enables or disables access to each defined channel.A channel regulator manages the MBAN utilization of the predefined spectrum by setting the MAC parameter todynamically enable/disable the one or more predefined MBAN channels within the predefined spectrum.

No. of Pages : 27 No. of Claims : 20

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

(21) Application No.9844/CHENP/2013 A
(43) Publication Date : 12/12/2014

(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 :2011131126
(32) Priority Date :13/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064996
Filing Date :12/06/2012
(87) International Publication No :WO 2012/173109
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MATSUO Shohei
3)TAKAMURA Seishi
4)JOZAWA Hirohisa

(57) Abstract :
This video encoding device is provided with: a means which when selecting the optimal interpolation filter from a fixed interpolation filter an adaptive interpolation filter and a region based adaptive interpolation filter on the basis of a rate distortion cost function estimates on the basis of the generated coding amount and coding distortion amount when using the region based adaptive interpolation filter the minimum value of the rate distortion cost function when using the adaptive interpolation filter; and a means which if said minimum value is greater than the rate distortion cost function of the fixed interval filter selects the optimal interpolation filter on the basis of comparing the rate distortion cost functions of the fixed interpolation filter and the region based adaptive interpolation filter and only if said minimum value is less than or equal to the rate distortion cost function of the fixed interval filter selects the optimal interpolation filter on the basis of comparing the rate distortion cost functions of the fixed interpolation filter the adaptive interpolation filter and the region based adaptive interpolation filter.

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

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

(21) Application No.9869/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : CYLINDRICAL DRIP IRRIGATION EMITTER

(51) International classification :A01G25/02,A01G25/06
(31) Priority Document No :1108066.0
(32) Priority Date :16/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/US2012/037326
Filing Date :10/05/2012
(87) International Publication No :WO 2012/158462
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)ALKALAY Uri

(57) Abstract :
A system including: (a) a pipe having an aperture providing fluid communication between inner and outer pipe surfaces; (b) a cylindrical drip emitter disposed within the pipe including: an emitter body having an outer facing having a generally convex contour adapted in generally complementary fashion to a concave contour of the inner pipe surface the outer facing secured to the inner surface; a liquid inlet section adapted to receive a liquid from within the pipe and to deliver the liquid via the aperture to the outer facing; a pressure reducing section disposed in fluid communication with the liquid inlet section; functionally active sections including the pressure reducing section the liquid inlet section the functionally active sections disposed within and longitudinally defining a position of a longitudinal segment of the body; and at least one functionally passive section disposed on the outer facing within the longitudinal segment; and (c) a liquid flow path fluidly connecting between the liquid inlet section and the passive section via the pressure reducing section and between the passive section and an ambient environment via the first aperture wherein the first aperture is situated within longitudinal bounds of the longitudinal segment and radially aligned with the functionally passive section disposed within the longitudinal segment.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8961/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LED LIGHTING DEVICE WITH LOWER HEAT DISSIPATING STRUCTURE

(51) International classification :F21K99/00
(31) Priority Document No :11305510.7
(32) Priority Date :29/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052035
Filing Date :23/04/2012
(87) International Publication No :WO 2012/147026
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOOIJ Silvia Maria
3)COOIJMANS Huib
4)CALON Georges Marie

(57) Abstract :
A lighting device or LED lamp 10 is described with a base element 12 for electrical contacting and mechanical mounting and an LED arrangement 20 with at least one LED element 70. The LED arrangement 20 is spaced from the base element 12 along a longitudinal axis L. In order to provide a lighting device and a lighting arrangement with a matched optical and thermal design i. e. where both effective heat dissipation and an advantageous light intensity distribution are achieved a lower heat dissipating structure 24 is arranged between the base element 12 and the LED arrangement 20. The lower heat dissipating structure 24 comprises a plurality of planar heat dissipation elements 26 made out of a heat conducting material shaped to have at a first longitudinal position along the longitudinal axis L a first extension in cross section and at a second longitudinal position a second extension in cross section. The first longitudinal position is arranged closer to the LED arrangement than the second longitudinal position and the first extension is smaller than the second extension in order to minimize obstruction of light emitted from the LED arrangement 20.

No. of Pages : 24 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8962/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LED LIGHTING DEVICE WITH UPPER HEAT DISSIPATING STRUCTURE

(51) International classification :F21K99/00
(31) Priority Document No :11305511.5
(32) Priority Date :29/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052032
Filing Date :23/04/2012
(87) International Publication No :WO 2012/147024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BOOIJ Silvia Maria
3)COOIJMANS Huib
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(57) Abstract :
A lighting device or LED lamp 10 is described with a base element 12 for electrical contacting and mechanical mounting and an LED arrangement 20 with at least one LED element 70. The LED arrangement 20 is spaced from the base element 12 along a longitudinal axis L. In order to provide a lighting device and a lighting arrangement with a matched optical and thermal design i. e. where both effective heat dissipation and an advantageous light intensity distribution are achieved an upper heat dissipating structure 60 is arranged next to the LED arrangement 20 with at least one heat dissipation element 62 made out of a heat conducting material. The upper heat dissipating structure 60 is shaped to include at least a first end 64a and a second end 64b spaced from the first end 64a along a traverse axis T. The traverse axis T is substantially perpendicular to the longitudinal axis L. The LED arrangement 20 is arranged between the first and second ends 64a 64b.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8963/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND SYSTEM FOR MANAGING AN ALARM SIGNAL ALARM CLOCK COMPRISING SUCH A SYSTEM

(51) International classification :G04G7/00,G04G13/02,G06F1/16
(31) Priority Document No :PCT/CN2011/000752
(32) Priority Date :29/04/2011
(33) Name of priority country :China
(86) International Application No :PCT/IB2012/052089
Filing Date :26/04/2012
(87) International Publication No :WO 2012/147043
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHAN Hin Leung Norman
3)KONG Peter
4)LUI Ka Man

(57) Abstract :
The invention relates to a method and a system (SYS) for managing an alarm signal in a system comprising a first internal clock. The system is intended to cooperate with a portable player (PP) comprising a second internal clock and a screen (S). The method comprises the steps of: setting the time of said first internal clock at the time of said second internal clock selecting a given time value being displayed on said screen memorizing said given time value in said system setting the time of said second internal clock at the time of said first internal clock triggering an alarm signal on said system when the time of said first internal clock reaches said given time value. According to this method when the portable player is docked to the system the system according to the invention does not require its own screen because the screen of the portable player is used to display the current time and the alarm time during setting it resulting in a reduction of the costs of the system.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8971/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUSES AND METHODS FOR HDR IMAGE ENCODING AND DECODING

(51) International classification :H04N7/26
(31) Priority Document No :11164005.8
(32) Priority Date :28/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052011
Filing Date :20/04/2012
(87) International Publication No :WO 2012/147018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MERTENS Mark Jozef Willem

(57) Abstract :
To allow improved high dynamic range image encoding we describe an image encoding unit (551) arranged to encode a high dynamic range image (IM_HDR in) comprising: a first receiver (901) for receiving a lower dynamic range (SELR); a first code mapping unit (904) arranged to encode in a first image (Im_1) all pixels of the high dynamic range image (IM_HDR in) with luminances within the lower dynamic range (SELR); a second receiver (902) for receiving a maximal redundancy (MAXRED) which specifies to which amount luminances already encoded in the first image (Im_1) need to be redundantly encoded again; an image processing unit (903) arranged to determine based upon the maximal redundancy (MAXRED) which pixels of the high dynamic range image (IM_HDR in) need to be encoded in a second image (Im_2); a second code mapping unit (905) arranged to encode in the second image (Im_2) luminances of the pixels of the high dynamic range image (IM_HDR in) which need to be encoded in the second image (Im_2); and a formatter (906) arranged to output the first and second image as a high dynamic range encoding S(Im_1 Im_2) and related realizations such as transcoders decoders signals etc.

No. of Pages : 60 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8972/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND APPARATUS FOR GENERATING AN IMAGE CODING SIGNAL

(51) International classification :H04N7/26,H04N7/50
(31) Priority Document No :11164002.5
(32) Priority Date :28/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051913
Filing Date :17/04/2012
(87) International Publication No :WO 2012/147010
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)DE HAAN Wiebe
3)MERTENS Mark Jozef Willem

(57) Abstract :
An apparatus generates an image coding signal comprising for each image a first pixelised picture and a second pixelised picture having a luminance component and a chroma component. The apparatus comprises a first picture processor (203 211) which includes image encoding data for an encoded first image in the first pixelised picture. A second picture processor (205 207 209 211) includes dynamic range extension data in the second pixelised picture. The dynamic range extension data may be dynamic range extension data included in a chroma component of the second pixelised picture for generating an increased dynamic range image on the basis of the encoded first image. The compensation data may e.g. be compensation data for correcting another LDR to HDR transform e.g. a prefixed global gamma transformation. The dynamic range extension data may be included in a luminance component and comprise data representing a dynamic range extension transform for generating an increased dynamic range image from the encoded first image.

No. of Pages : 78 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8973/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDICAL IMAGE PROCESSING SYSTEM AND METHOD

(51) International classification :G06T7/00
(31) Priority Document No :11164082.7
(32) Priority Date :28/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051917
Filing Date :17/04/2012
(87) International Publication No :WO 2012/147011
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)JASINSCHI Radu Serban
3)SOLDEA Octavian

(57) Abstract :
A system 100 for processing medical images the system being arranged for obtaining a first medical image 102 and a second medical image 104 the first medical image and the second medical image being rigidly registered medical images of an anatomical structure and the system comprising a displacement estimator 120 for establishing displacement vectors 122 for at least a first portion of the first medical image the displacement vectors matching the first portion of the first medical image to a second portion of the second medical image a deformation estimator 140 for in dependence on the displacement vectors establishing deformation values 142 for the first portion the deformation values representing a deformation of the first portion with respect to the second portion and a visualization generator 160 for generating visualization data 162 for when being displayed on a display 180 establishing a multi dimensional graph 182 comprising magnitudes of the displacement vectors as first variables 184 and the deformation values as second variables 186.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.9104/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR MANUFACTURING TOLYLENE DIISOCYANATE

(51) International classification :C07C263/04,C07C265/14
(31) Priority Document No :2011111786
(32) Priority Date :18/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/059491
Filing Date :06/04/2012
(87) International Publication No :WO 2012/157366
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)SASAKI Masaaki

(57) Abstract :
A method for manufacturing tolylene diisocyanate comprises a mixing step a carbamate manufacturing step and a pyrolysis step. In the mixing step a first diaminotoluene containing 2 4 and 2 6 diaminotoluene in a first isomeric ratio is mixed with a second diaminotoluene containing 2 4 and/or 2 6 diaminotoluene in a second isomeric ratio and mixed diaminotoluene is prepared. In the carbamate manufacturing step a reaction is brought about between the mixed diaminotoluene prepared in the mixing step urea and/or N unsubstituted carbamate and an alcohol whereby tolylene dicarbamate is produced. In the pyrolysis step the tolylene dicarbamate is pyrolyzed.

No. of Pages : 43 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.9105/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SEATING LOAD DETECTING DEVICE

(51) International classification :G01L5/00,A47C7/62,B60N2/44
(31) Priority Document No :2011096227
(32) Priority Date :22/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/060177
Filing Date :13/04/2012
(87) International Publication No :WO 2012/144442
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)USAMI Kenichi

(57) Abstract :
Provided is a seating load detecting device which accurately detects the seated state of an occupant even when the seating load detecting device is disposed in a bent state in a seat cushion for a vehicle. A seating load detecting device is provided with: a first film in which a plurality of contact receiving parts that constitute a plurality of pressure sensitive switches are formed at predetermined intervals and switch wires that connect the contact receiving parts are formed; a second film which is disposed so as to face the first film and in which a plurality of contact/out of contact parts that constitute the pressure sensitive switches and are brought into contact or out of contact with the contact receiving parts are formed; and a separation member which is disposed between the first and second films and in which through holes are formed at positions facing the plurality of pressure sensitive switches and an air passage that communicates the through holes and communicates with the atmosphere is formed. The separation member is provided with a clearance hole for accommodating distortion generated between the first and second films between a curved part in which the seating load detection device is attached to a seating surface in a curved state and a pressure sensitive switch located closest to the curved part.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.9106/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MESSAGE FLOW REROUTING FOR AUTONOMOUS SELF DISRUPTING NETWORK ELEMENT

(51) International classification	:H04W24/04,H04L12/26,H04L29/06
(31) Priority Document No	:13/149514
(32) Priority Date	:31/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2012/050334 :22/05/2012
(87) International Publication No	:WO 2012/162823
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)LASHLEY Michael H
3)ESKICIOGLU Suat R.
4)MARTON Csaba
5)NAZ Nausheen

(57) Abstract :
A method apparatus and machine readable storage medium is disclosed for establishing a test protocol processor which autonomously intercepts success path protocol messages at a network element port buffer and substitutes a corresponding failure path messages to simulate the introduction of unexpected protocol messages into the protocol message flow from an external source to the network element under test. Subsequent to intercepting messages the test protocol processor may perform one or more of several actions according to the results of statistical calculations. These actions include allowing the message to drop replacing the message after a delay replacing the message after altering the payload of the message and replacing the message after altering the message type. The disclosed autonomous self disrupting network element is particularly useful for providing a means to perform in situ field testing of network performance indicators under desired statistical conditions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.9107/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTONOMOUS SELF DISRUPTING NETWORK ELEMENT

(51) International classification	:H04L12/26,H04L29/06,H04W24/08
(31) Priority Document No	:13/149370
(32) Priority Date	:31/05/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2012/050335 :22/05/2012
(87) International Publication No	:WO 2012/162824
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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3)ESKICIOGLU Suat R.
4)THYAGARAJAN Manikka
5)LASHLEY Michael H.

(57) Abstract :
A method apparatus and machine readable storage medium is disclosed for establishing a test protocol processor which identifies and removes predetermined messages from a network element port buffer. Subsequent to removal the test protocol processor may perform one or more of several actions according to the results of statistical calculations. These actions include allowing the message to drop replacing the message after a delay replacing the message after altering the payload of the message and replacing the message after altering the message type. The disclosed autonomous self disrupting network element is particularly useful for providing a means to perform in situ field testing of network performance indicators under desired statistical conditions.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8965/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN APPARATUS FOR USE IN A FALL DETECTOR OR FALL DETECTION SYSTEM AND A METHOD OF OPERATING THE SAME

(51) International classification	:G08B21/04,A61B5/053,A61B5/11
(31) Priority Document No	:11164240.1
(32) Priority Date	:29/04/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2011/054934 :04/11/2011
(87) International Publication No	:WO 2012/146957
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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(72)**Name of Inventor :**
1)TEN KATE Warner Rudolph Theophile

(57) Abstract :
There is provided a method of operating a fall detector the method comprising on detecting a fall event by a user of the fall detector measuring at least one physiological characteristic of the user; and using the measurement of the at least one physiological characteristic to determine whether to expedite an alert that the user has fallen. An apparatus comprising a processor that is configured to perform the method described above is also provided.

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8966/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LED LIGHTING DEVICE WITH IMPROVED LIGHT DISTRIBUTION

(51) International classification :F21K99/00
(31) Priority Document No :11305509.9
(32) Priority Date :29/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052054
Filing Date :24/04/2012
(87) International Publication No :WO 2012/147032
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BENTER Nils
3)PELSMA Jelle Peter

(57) Abstract :
A lighting device and a lighting unit comprising a reflector (52) and a lighting device or LED lamp (10) are described. The LED lamp have a first and a second LED assembly (30 32). Each LED assembly (30 32) comprises at least one LED element (34a 34b 34c; 36a 36b 36c) with an LED chip (40) and a carrier (38) with a fiat surface for carrying the LED chip (40). The LED chip (40) emits light with a main optical direction. The first and second LED assembly (30 32) are mounted relative to each other so that at least a first LED element (34a) from the first LED assembly (30) and a second LED element (36a) from the second LED assembly (32) enclose a rotating angle () between their respective flat surfaces with respect to an axis of rotation (A) so as to involve light angle between the first and second main optical directions. The axis of rotation (A) is parallel to a plane of a flat carrier surface of at least one LED element (36a). The first and second LED assemblies (30 32) are arranged offset from each other parallel to the axis of rotation (A). Thus a lighting device with small dimensions and advantageous light distribution is obtained.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8967/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEDICAL IMAGING DEVICE WITH SEPARATE BUTTON FOR SELECTING CANDIDATE SEGMENTATION IMAGES

(51) International classification :A61B6/00,A61B6/12
(31) Priority Document No :11305504.0
(32) Priority Date :28/04/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/051899
Filing Date :17/04/2012
(87) International Publication No :WO 2012/147006
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)FLORENT Raoul

(57) Abstract :
A medical imaging device (10) allowing easy and robust representation of anatomic structures within a region of interest in a patient body is presented. The imaging device (10) comprises an image acquisition device (12) an image segmentation device (22) a visualization device (24) and a separate selection button (34). In an image of the region of interest anatomic structures may be automatically identified using image segmentation techniques. Therein not only one but a plurality of candidate images comprising differently identified anatomic structures is provided. The plurality of candidate images may be visualized on a display (26) sequentially or in an overlying manner. Using the easy accessible and easy to handle separate selection button (34) a physician may cycle through the plurality of candidate images and manually select one candidate image only by activating the selection button (34) for further exploitation. Thereby automated segmentation techniques may be combined with the physician s experience thereby significantly increasing the robustness of a selected representation of anatomic structures while reducing human interaction to a minimum.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8968/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR GENERATING OXYGEN

(51) International classification	:B01D53/22,B01D53/32,A61M16/10
(31) Priority Document No	:11164170.0
(32) Priority Date	:28/04/2011
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/IB2012/051959 :19/04/2012
(87) International Publication No	:WO 2012/147015
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)KOERBER Achim Gerhard Rolf
3)KLEE Mareike
4)KEUR Wilhelmus Cornelis

(57) Abstract :
The present invention relates to a method of generating oxygen. The method addresses the objects of reducing the servicing work and improving the purity of the generated oxygen. According to the invention the method comprises the steps of: providing an oxygen comprising gas at a primary side of a dense voltage drivable membrane (12); applying a voltage between a conductive element at the primary side of the membrane (12) and a conductive element at a secondary side of the membrane (12) the conductive elements being electrically connected to the membrane (12) wherein a plasma (18 20) is generated at at least one of the primary side and the secondary side of the membrane (12) the plasma (18 20) being used as conductive element.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.9230/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SLEEP STAGE ANNOTATION DEVICE

(51) International classification :A61B5/0478,A61M21/00
(31) Priority Document No :11305571.9
(32) Priority Date :11/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052274
Filing Date :08/05/2012
(87) International Publication No :WO 2012/153263
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)WEYSEN Tim Elisabeth Joseph

(57) Abstract :
The present invention is related to a sleep stage annotation system said system having a plurality of sensors elements comprising differential electrodes at least one sensor element comprising a ground electrode transmitting means to transmit signals generated by the differential electrodes and the at least one ground electrode to a data recording unit wherein) at least the sensor elements comprising the differential electrodes are arranged on a device capable of serving as a head or face support means and methods using the same.

No. of Pages : 35 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.9231/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MYOCARDIAL CLUSTERIFICATION AND ORIENTATION

(51) International classification :G06T7/00
(31) Priority Document No :61/484411
(32) Priority Date :10/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052183
Filing Date :02/05/2012
(87) International Publication No :WO 2012/153231
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A cardiac imaging method includes acquiring a projection image representation which includes a myocardium (SI 00). The myocardium is segmented and a mask is generated (SI 02). The mask is optimized (SI 04). A blood pool is determined from the optimized mask (SI 06) and the mask is skeletonized based on a clusterfication of the myocardial slices (S108). The center of mass is determined (SI 10) from the blood pool and the skeletonized mask. Myocardial parameters are determined (SI 12) from the skeletonized mask.

No. of Pages : 51 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013
(21) Application No.9108/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR PRODUCING ISOXAZOLINE COMPOUND

(51) International classification :C07C243/36,C07B61/00,C07C241/04
(31) Priority Document No :2011125013
(32) Priority Date :03/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064490
Filing Date :30/05/2012
(87) International Publication No :WO 2012/165652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
Provided are: a novel method for producing an isoxazoline compound represented by formula (8) [wherein R represents a C C alkyl group which may have at least one halogen atom a C C cycloalkyl group which may have at least one halogen atom or a C C alkoxy group which may have at least one halogen atom; R represents a C C alkyl group which may have at least one halogen atom or a halogen atom; R represents a halogen atom or a hydrogen atom; X represents NH or NCH; and m represents an integer of 0 5 (wherein R s may be different from each other when m represents an integer of 2 5)]; and an intermediate for the production of the isoxazoline compound.

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2013

(21) Application No.9109/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : WIND TURBINE GEAR MECHANISM

(51) International classification :F03D11/00,F16H57/02,F16H37/04
(31) Priority Document No :10 2011 076 114.4
(32) Priority Date :19/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/054855
Filing Date :20/03/2012
(87) International Publication No :WO 2012/156128
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :
A wind turbine gear mechanism (1) having a planetary gear stage (2) which is arranged on the drive side and having a first spur gear stage (3) and a second spur gear stage (4) which are arranged in a gear mechanism housing (5) downstream of the planetary gear stage (2) wherein the first spur gear stage (3) operatively connects a sun gear shaft (6) of the planetary gear stage (2) to an intermediate shaft (7) in a rotational fashion wherein the second spur gear stage (4) operatively connects the intermediate shaft (7) to an output shaft (8) in a rotational fashion and wherein just one intermediate shaft (7) is provided. In this context there is provision that the gear mechanism housing (5) has a joint (9) along which the gear mechanism housing (5) can be divided into a housing main part (10) and a housing lid (11) that the joint (9) runs through the central axis (12) of the intermediate shaft (7) and that the joint (9) runs at a distance from the central axis (13) of the sun gear shaft (6).

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8974/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : GUIDED DELIVERY OF PROSTHETIC VALVE

(51) International classification :A61B19/00
(31) Priority Document No :61/479995
(32) Priority Date :28/04/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052040
Filing Date :23/04/2012
(87) International Publication No :WO 2012/147028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HARKS Godefridus Antonius
2)T HOOFT Gert Wim
3)CHAN Raymond

(57) Abstract :
An image guided prosthetic valve deployment system employs a prosthetic valve (80) a catheter (70) and a delivery tracking system (90). The catheter (70) has an elongated body with a proximal tip (71a) and a distal tip (71b) and the elongated body includes a delivery section (72) adjacent the distal tip (71b) for deploying the prosthetic valve (80) relative to a heart valve (21) within an anatomical region (20). The delivery section (72) includes a delivery segment (73) for sensing a shape and an orientation of the delivery section (72) within the anatomical region (20) relative to a reference point (74). The delivery tracking system (90) tracks a position and an orientation of the prosthetic valve (80) relative to the heart valve (21) as a function of a sensed shape and a sensed orientation of the delivery section (72) within the anatomical region (20) relative to the reference point (74) by the delivery segment (73).

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8946/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHODS FOR MEDIA ACCESS CONTROL HEADER COMPRESSION

(51) International classification :H04L29/06,H04W28/06,H04L1/00
(31) Priority Document No :61/487814
(32) Priority Date :19/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038723
Filing Date :18/05/2012
(87) International Publication No :WO 2012/159094
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)ABRAHAM Santosh Paul
3)MERLIN Simone
4)AWATER Geert
5)TAGHAVI NASRABADI Mohammad H.
6)QUAN Zhi
7)SAMPATH Hemanth
8)ASTERJADHI Alfred

(57) Abstract :
Method of communicating in a wireless network the method comprising: selecting a type of media access control header type from a plurality of types based on an indication of information stored at a receiver; and transmitting a media access control header of the selected type to the receiver.

No. of Pages : 102 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8947/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR IDENTIFYING ANTIBIOTIC TARGETS

(51) International classification :C12N15/10
(31) Priority Document No :1107515.7
(32) Priority Date :05/05/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/000402
Filing Date :03/05/2012
(87) International Publication No :WO 2012/150432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)WILLIAMS David Hugh
2)TURNER Arthur Keith

(57) Abstract :
Disclosed is a method for identifying an essential gene which serves as an antibiotic target in a bacterium the method comprising the steps of: (a) generating a pool of mutant bacteria by transposon mutagenesis with an activating transposon (Tn) wherein the Tn comprises a promoter such that transposon insertion into bacterial DNA increases the transcription of a gene at or near the insertion site; (b) growing bacteria from the mutant pool in the presence of different amounts of said antibiotic to produce two or more test cultures; and (c) comparing the distribution of Tn insertions between test cultures to identify a putative essential gene serving as a target of said antibiotic in said bacterium.

No. of Pages : 34 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8948/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS FOR DE ENERGIZING A CHAIN LINK CONVERTER CONTROLLER COMPUTER PROGRAMS AND COMPUTER PROGRAM PRODUCTS

(51) International classification :H02M7/48,H02M1/36
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/059645
Filing Date :10/06/2011
(87) International Publication No :WO 2012/167833
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HASLER Jean Philippe

(57) Abstract :
The invention relates to a method 30 for de energizing a chain link converter 1 comprising one or more phase legs L1 L2 L3 each phase leg L1 L2 L3 comprising a number of series connected converter cells 2 2 ... 2. The phase legs L1 L2 L3 are connected to a respective charging resistor R R R. The method 30 comprises the steps of: opening 31 AC circuit breakers 4 4 4 arranged between a power grid 3 and the chain link converter 1 opening 32 charging resistors switches S S S arranged in parallel with a respective one of charging resistors R R R and circulating 33 a current within the chain link converter 1 through the charging resistors R R R and each phase leg L1 L2 L3 whereby the DC capacitor 7 7 ... 7 are discharged. The invention also relates to a controller computer program and computer program products.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/11/2013

(21) Application No.8949/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HYDRODYNAMIC SEAL WITH INCREASED FLEXIBILITY SEALING ELEMENT

(51) International classification :F16J15/32
(31) Priority Document No :13/099474
(32) Priority Date :03/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/035955
Filing Date :01/05/2012
(87) International Publication No :WO 2012/151189
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)HATCH Frederick R.
2)TOTH David M.

(57) Abstract :
A hydrodynamic shaft seal assembly includes a PTFE seal member 34 having outer 36 and inner sections 38. The outer section is affixed to an annular carrier 16. The inner section is free and includes at least one hydrodynamic groove 42 in direct running contact with a rotating shaft or wear sleeve. A mid portion 40 of the seal member is formed between the inner and outer sections. The mid portion is thinned and includes one or more annular undulations 44 formed therein to improve flexibility of the inner section relative to the outer section. The seal assembly may include one or more excluder features. A rubber casing is molded about portions of the carrier. Preferably one or more annular undulations 44 are formed in a coining operation during the rubber molding process.

No. of Pages : 21 No. of Claims : 20

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

(21) Application No.9066/CHENP/2013 A
(43) Publication Date : 12/12/2014

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

(51) International classification :H04N13/04,G06T19/00
(31) Priority Document No :2011112312
(32) Priority Date :19/05/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/062087
Filing Date :11/05/2012
(87) International Publication No :WO 2012/157540
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)KAWAI Takuro
3)IHARA Toshinori
4)YAMAOKA Keisuke

(57) Abstract :
This technique relates to an image processing apparatus an image processing method and a program that allow achievement of motion parallax that is closely similar to real world. An image processing unit corrects on the basis of positional information representative of a viewer s position or the like a depth image constituted by the depth values representative of the positions in the depth direction of the pixels of a color image of a predetermined viewpoint externally inputted as an input image. This technique can be applied for example to an image processing apparatus that performs as an image processing a processing to correct a depth image on the basis of positional information.

No. of Pages : 161 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.9552/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POLYURETHANE RIGID FOAMS

(51) International classification :C08G18/72,C08G18/66,C08G18/48
(31) Priority Document No :PCT/CN2011/074988
(32) Priority Date :31/05/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/076322
Filing Date :31/05/2012
(87) International Publication No :WO 2012/163279
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)ZHAO Hemeng
3)DENG Fuqi
4)YAO Rongxing
5)ZHANG Peng

(57) Abstract :
The invention is directed to polyurethane rigid foams which can be prepared by reacting a) polyisocyanates with b) compounds having at least two hydrogen atoms which are reactive toward isocyanate groups in the presence of c) blowing agents and d) at least one flame retardant wherein the compounds having at least two hydrogen atoms which are reactive toward isocyanate groups b) comprise at least one polyether polyol bi) and at least one polyester polyol bii) and the flame retardant d) comprises expandable graphite di).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.9232/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : USER STEERED ON THE FLY PATH PLANNING

(51) International classification :G06T7/00,G06T19/00,A61B1/267
(31) Priority Document No :61/484479
(32) Priority Date :10/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052241
Filing Date :04/05/2012
(87) International Publication No :WO 2012/153249
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)LU Kongkuo
2)WIEMKER Rafael

(57) Abstract :
A method system and program product are provided for user steered on the fly path planning in an image guided endoscopic procedure comprising: presenting on a display a 2D sectional image showing a region of interest from a preoperative CT scan; defining a control point on the 2D sectional image within a patient s body lumen responsive to a first user input; centering the control point; adjusting a viewing angle about the control point to show a longitudinal section of the body lumen responsive to a second user input; identifying a second point on a planned path within the body lumen responsive to a third user input; extending a planned path connecting the control point and the second point; redefining the second point as a new control point; and repeating the presenting adjusting identifying extending and the redefining steps until the planned path reaches a procedure starting point within the patient s body.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013

(21) Application No.8926/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DEVICE FOR REMOVING DIRT AND SHORT FIBERS FROM A FIBROUS MATERIAL

(51) International classification :D01G15/82
(31) Priority Document No :858/11
(32) Priority Date :20/05/2011
(33) Name of priority country :Switzerland
(86) International Application No :PCT/CH2012/000107
Filing Date :16/05/2012
(87) International Publication No :WO 2012/159219
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MEDVETCHI Emil

(57) Abstract :
The invention relates to a method and a device for removing dirt and short fibers from a fibrous material (42) in a spinning preparation machine. The fibrous material (42) which consists of a plurality of fibers is retained by a conveying means (40). The device comprises at least one electrode pair (43 44 50 51 60 61 70 71) and the electrode pair (43 44 50 51 60 61 70 71) is connected to a high voltage source (48) in order to produce an electric field having a field strength (E). The electrode pair (43 44 50 51 60 61 70 71) is arranged such as to be directed toward the fibrous material (42) and the fibrous material (42) is in motion relative to the electrode pair (43 44 50 51 60 61 70 71).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013

(21) Application No.8928/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AUTONOMOUS UNDERWATER SYSTEM FOR A 4D ENVIROMENTAL MONITORING

(51) International classification :B63C11/52,G01V1/38,B63C11/42
(31) Priority Document No :MI2011A 000859
(32) Priority Date :17/05/2011
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2012/059072
Filing Date :15/05/2012
(87) International Publication No :WO 2012/156425
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FAVARETTO Mauro
3)GRASSO Tiberio

(57) Abstract :
The autonomous underwater system for environmental monitoring (100) comprising a multidisciplinary underwater station (101) equipped with onboard instrumentation (202) at least one autonomous modular underwater vehicle (102) movable inside an area to be monitored (107) along an assigned route 106 and at least one external instrumental modulus (206) which can be connected to said vehicle (102) wherein said multidisciplinary underwater station (101) comprises a docking area (204) an interface system (220) an equipping system (207) for supplying the vehicle (102) with instrumental moduli (206) and a management system (201).

No. of Pages : 48 No. of Claims : 27

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

(21) Application No.9038/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : COOLING OF ELECTRIC STORAGE UNITS IN A VEHICLE

(51) International classification :B60K1/04
(31) Priority Document No :10 2011 078 267.2
(32) Priority Date :29/06/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/061623
Filing Date :19/06/2012
(87) International Publication No :WO 2013/000754
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GORDNER Achim
3)KIND Fabian

(57) Abstract :
The invention relates to a vehicle comprising at least one front wheel (11) at least one rear wheel (12) an electric driving motor (13) which is designed to drive the at least one rear and/or front wheel and a plurality of electric storage units which are accommodated inside a storage housing (14) wherein the storage housing comprises at least one air duct for discharging thermal energy of the storage units said air duct extending in the longitudinal direction of the vehicle at least in one air inflow region and being arranged such that in an operating state of the vehicle ambient air flows into the air duct by means of the airstream in order to discharge the thermal energy.

No. of Pages : 20 No. of Claims : 13

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

(21) Application No.9950/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PROJECTION DISPLAY DEVICE INFORMATION PROCESSING DEVICE PROJECTION DISPLAY SYSTEM AND PROGRAM

(51) International classification :G09G5/00,G03B21/00,G03B21/14
(31) Priority Document No :2011150440
(32) Priority Date :06/07/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/067417
Filing Date :03/07/2012
(87) International Publication No :WO 2013/005857
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)TACHIKAWA Michiyoshi

(57) Abstract :
An image light projecting unit that projects image light on a screen; a distance measurement unit that measures distance to the screen; an obstacle detecting unit that detects an obstacle between the screen and the image light projecting unit on the basis of distance information obtained by the distance measurement unit and according to a result of this detection determines an adjustment area where the image light to be projected is to be adjusted; and a projection adjusting unit that adjusts the image light in the adjustment area are included.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8914/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROTATING TOWER CRANE

(51) International classification :B66C23/28
(31) Priority Document No :20 2011 100 477.9
(32) Priority Date :10/05/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/002029
Filing Date :10/05/2012
(87) International Publication No :WO 2012/152446
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)HERSE Thomas

(57) Abstract :
The invention relates to a rotating tower crane having a tower made of at least one tower element (10) in particular a grating piece and a structural anchoring having at least one anchoring rod (2) for horizontal anchoring of the tower to a structure (20) wherein the at least one anchoring rod of the structural anchoring is fastened or can be fastened to a fastening point (1) of the tower element.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8915/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POWER OUTLET AND CONNECTION DEVICE

(51) International classification :H04B3/56,H01R13/66,H01R25/00
(31) Priority Document No :2011088433
(32) Priority Date :12/04/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/058289
Filing Date :29/03/2012
(87) International Publication No :WO 2012/141010
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TANABE Mitsuru
3)MAEDA Mitsuru
4)YAMAMOTO Yasuko

(57) Abstract :
Provided is a power outlet and connection device that can be realized using a simple configuration with a minimal decrease in communication quality in a state in which a communication device is not connected. This power outlet (1) has a terminal circuit (14) for matching impedance in the frequency range of a communication signal the terminal circuit being inserted between connection terminals (11 11) and blade receptacles (12 12); and a bypass circuit (15) connected in parallel to the terminal circuit (14) between the connection terminal (11) and the blade receptacle (12). The bypass circuit (15) has a switch (60) equipped with a mechanical contact 61(62) inserted between the connection terminal (11) and the blade receptacle (12) forming a pathway that transmits a communication signal bypassing the terminal circuit (14) when the switch (60) is on. A moveable element (63) is operated and the mechanical contact 61(62) opens or closes thereby turning the switch (60) on or off. The moveable element is operated in accompaniment with the insertion and removal of a plug used as a main operating body.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2013

(21) Application No.8916/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : HERBICIDAL COMPOSITION COMPRISING FLAZASULFURON AND AN INHIBITOR OF PROTOPORPHYRINOGEN OXIDASE

(51) International classification	:A01P13/00,A01N47/36,A01N43/54
(31) Priority Document No	:2011087546
(32) Priority Date	:11/04/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/060090 :06/04/2012
(87) International Publication No	:WO 2012/141276
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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1)YAMADA Ryu
2)OKAMOTO Hiroyuki
3)TERADA Takashi

(57) Abstract :
Many herbicidal compositions have been developed and are presently used. However weeds to be controlled are various in types and their emergence extends over a long period. Accordingly it is desired to develop a herbicidal composition which has a broad herbicidal spectrum a high activity and a long lasting effect. The present invention provides a herbicidal composition comprising (A) flazasulfuron or its salt and (B) at least one protoporphyrinogen oxidase inhibitor selected from the group consisting of a phenylpyrazole compound a triazolinone compound a N phenylphthalimide compound a pyrimidindione compound an oxadiazole compound an oxazolidinedione compound a thiadiazole compound pyraclonil profluazol flufenpyr ethyl and their salts. According to the present invention a herbicidal composition which has a broad herbicidal spectrum a high activity and a long lasting effect can be provided.

No. of Pages : 28 No. of Claims : 9

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

(21) Application No.9613/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LIGHT EMITTING DEVICE BONDED TO A SUPPORT SUBSTRATE

(51) International classification :H01L33/00,H01L33/62,H01L33/44
(31) Priority Document No :61/491920
(32) Priority Date :01/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052556
Filing Date :22/05/2012
(87) International Publication No :WO 2012/164437
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BHAT Jr´me Chandra
2)AKRAM Salman
3)STEIGERWALD Daniel Alexander

(57) Abstract :
A support substrate including a body (35) and a plurality of vias (48) extending through an entire thickness of the body is bonded to a semiconductor light emitting device including a light emitting layer (14) sandwiched between an n type region (12) and a p type region (16). The support substrate is no wider than the semiconductor light emitting device.

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

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

(21) Application No.9365/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SPHERICAL ULTRASONIC HIFU TRANSDUCER WITH MODULAR CAVITATION SENSE ELEMENT

(51) International classification :B06B3/04
(31) Priority Document No :61/487308
(32) Priority Date :18/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052278
Filing Date :08/05/2012
(87) International Publication No :WO 2012/156863
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CLARK Dennis Dean

(57) Abstract :
An ultrasonic HIFU transducer (120) has a threaded opening into which a modular cavitation sensor (90) is removably located. The modular cavitation sensor includes a modular housing (92) containing a piezoelectric transducer for sensing acoustic signals indicative of cavitation. The modular cavitation sensor has electrodes (96 98) which engage spring contacts (112 114) in the threaded opening when the modular housing is screwed into the threaded opening. A damaged sensor can be unscrewed and replaced simply without connectors or soldering.

No. of Pages : 26 No. of Claims : 15

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

(21) Application No.9366/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : LED RETROFIT DRIVER CIRCUIT AND METHOD OF OPERATING THE SAME

(51) International classification :H05B33/08
(31) Priority Document No :11166616.0
(32) Priority Date :18/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052384
Filing Date :14/05/2012
(87) International Publication No :WO 2012/156891
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)TOUSAIN Robertus Leonardus
2)EDDEANE Redouane
3)CLAESSENS Dennis Johannes Antonius
4)VAEL Philip Louis Zulma
5)JIANG Jack

(57) Abstract :
A LED retrofit driver circuit (3) is provided comprising at least an input (6) for receiving an operating voltage from a power supply (2) an output (8) for connection to one or more LED units (5) a power converter (7) connected with said input (6) and said output (8) and configured to provide a lamp current (50) at said output (8) during operation in at least a first and a second operating state. To provide a versatile circuit (3) allowing operation with a variety of power supplies and under various load conditions in said first operating state the power converter (7) is adapted to switch between a high current generating mode (40) in which the power converter (7) is configured to draw current pulses from said power supply (2) to provide a first average input current (33a) and an OFF mode (42) in which no current is drawn from said power supply (2). In said second operating state said power converter (7) is adapted at least to operate in a low current generating mode (41) in which the power converter (7) is configured to draw a current from said power supply (2) to provide a second average input current (33b)which is lower than said first average input current (33a).

No. of Pages : 28 No. of Claims : 14

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

(21) Application No.9367/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NECK CORD INCORPORATING EARTH PLANE EXTENSIONS

(51) International classification :H01Q1/44,H01Q1/48,H01Q1/24
(31) Priority Document No :61/487024
(32) Priority Date :17/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052330
Filing Date :10/05/2012
(87) International Publication No:WO 2012/156872
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)LEDINGHAM Stephen
2)COTE Richard Alexander

(57) Abstract :
A mobile device having a printed circuit board a wireless transceiver an antenna having an earth plane and coupled to the wireless transceiver a conductive earth plane extension conductively coupled to the earth plane and a neck cord adapted to support the mobile device from a neck of a user of the device wherein the conductive earth plane extension is incorporated into the neck cord. Also an antenna assembly having an antenna having an earth plane the antenna being adapted to be coupled to a wireless transceiver a conductive earth plane extension coupled to the earth plane and a neck cord adapted to support a mobile device housing the antenna from a neck of a user of the device wherein the conductive earth plane extension is incorporated into the neck cord.

No. of Pages : 19 No. of Claims : 20

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

(21) Application No.9368/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MATRIX ULTRASOUND PROBE WITH PASSIVE HEAT DISSIPATION

(51) International classification :A61B8/00
(31) Priority Document No :61/486796
(32) Priority Date :17/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052364
Filing Date :11/05/2012
(87) International Publication No :WO 2012/156886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)DAVIDSEN Richard Edward
2)FREEMAN Steven Russell
3)SAVORD Bernard Joseph

(57) Abstract :
A matrix array ultrasound probe passively dissipates heat developed by the matrix array transducer and beamformer ASIC away from the distal end of the probe. The heat developed in the transducer stack is coupled to a metallic frame inside the handle of probe. A metallic heatspreader is thermally coupled to the probe frame to convey heat away from the frame. The heatspreader surrounds the inside of the probe handle and has an outer surface which is thermally coupled to the inner surface of the probe housing. Heat is thereby coupled evenly from the heatspreader into the housing without the development of hotspots in the housing which could be uncomfortable to the hand of the sonographer.

No. of Pages : 16 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2013

(21) Application No.9730/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ANEURYSM DEVICES WITH ADDITIONAL ANCHORING MECHANISMS AND ASSOCIATED SYSTEMS AND METHODS

(51) International classification :A61B17/12
(31) Priority Document No :61/493356
(32) Priority Date :03/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040558
Filing Date :01/06/2012
(87) International Publication No :WO 2012/167156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :4030 Moorpark Ave #110 San Jose CA 95117 U.S.A.
(72)**Name of Inventor :**
1)GERBERDING Brent

(57) Abstract :
The present technology relates to aneurysm devices with additional anchoring mechanisms and associated systems and methods. In some embodiments the aneurysm devices are endovascularly deliverable to a site proximate an aneurysm near a parent artery with bifurcating branches. The aneurysm devices can include a closure structure (102) comprising a distal facing aspect configured to at least partially occlude the aneurysm and a proximal facing aspect configured to arch over lumina of the bifurcating branches. The devices further include a supplemental stabilizer (103) connected to the closure structure. The supplemental stabilizer is configured to reside in the parent artery. The closure structure includes a hinge point (175) where the closure structure folds to form a loop element configured for anchoring within at least one of the bifurcating branches.

No. of Pages : 15 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/12/2013

(21) Application No.9732/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTERFERENCE MANAGEMENT FOR A DISTRIBUTED SPATIAL NETWORK

(51) International classification :H04B7/00
(31) Priority Document No :1610/CHE/2011
(32) Priority Date :09/05/2011
(33) Name of priority country :India
(86) International Application No :PCT/IN2012/000339
Filing Date :09/05/2012
(87) International Publication No :WO 2012/153352
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)RAMAMURTHI Bhaskar
3)JENISTON Deviraj Klutto Milleth
4)REDDY Y. Sivakishore
5)KAIMALETTU Sunil
6)S. NAGA Sekhar
7)DHIVAGAR Baskaran
8)GIRIDHAR Krishnamurthi
9)SURYASARMAN Padmanabhan Madampu

(57) Abstract :
A communication network comprising of at least one remote base station; and a plurality of antenna ports connected to the at least one remote base station; wherein the remote base station controls the plurality of antenna ports. The remote base station is configured for defining mutually exclusive entry and exit points for the antenna ports in at least one of time; or frequency. Also disclosed herein is a communication network comprising of at least one network controller and at least one base station wherein the network controller is configured for assigning entry and exit points for each base station.

No. of Pages : 41 No. of Claims : 60

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

(21) Application No.9269/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEMORY EFFICIENT CONTEXT MODELING

(51) International classification :H04N7/26,H04N7/30
(31) Priority Document No :61/493361
(32) Priority Date :03/06/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/040483
Filing Date :01/06/2012
(87) International Publication No :WO 2012/167097
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)CHIEN Wei Jung
2)KARCZEWICZ Marta
3)WANG Xianglin

(57) Abstract :
In an example aspects of this disclosure relate to a method of coding video data that includes determining context information for a block of video data where the block is included within a coded unit of video data where the block is below a top row of blocks in the coded unit and where the context information does not include information from an above neighboring block in the coded unit. That method also includes entropy coding data of the block using the determined context information.

No. of Pages : 61 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/11/2013

(21) Application No.9538/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FEVER DETECTION APPARATUS

(51) International classification :A61B5/00,A61B5/0205,A61B5/024
(31) Priority Document No :11167745.6
(32) Priority Date :26/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052529
Filing Date :21/05/2012
(87) International Publication No :WO 2012/160500
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VAN DEN HEUVEL Teun
2)MUEHLSTEFF Jens

(57) Abstract :
The invention relates to a fever detection apparatus for detecting fever of a living being. A heart rate providing unit (3) provides a heart rate value and a peripheral physiological value providing unit (3) provides a peripheral physiological value wherein a heart rate characteristics determination unit (4) determines heart rate characteristics from the heart rate value and a peripheral characteristics determination unit (5) determines peripheral characteristics from the peripheral physiological value. A fever detection unit (6) detects fever depending on the heart rate characteristics and the peripheral characteristics. Since the heart rate characteristics and the peripheral characteristics are influenced by fever the fever detection apparatus can be used to reliably and preferentially unobtrusively detect fever.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/11/2013

(21) Application No.9177/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DECENTRALIZED ALLOCATION OF RESOURCES AND INTERCONNECT STRUCTURES TO SUPPORT THE EXECUTION OF INSTRUCTION SEQUENCES BY A PLURALITY OF ENGINES

(51) International classification :G06F13/14,G06F13/38,G06F9/06
(31) Priority Document No :61/488662
(32) Priority Date :20/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/038711
Filing Date :18/05/2012
(87) International Publication No :WO 2012/162188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)ABDALLAH Mohammad

(57) Abstract :
A method for decentralized resource allocation in an integrated circuit. The method includes receiving a plurality of requests from a plurality of resource consumers of a plurality of partitionable engines to access a plurality resources wherein the resources are spread across the plurality of engines and are accessed via a global interconnect structure. At each resource a number of requests for access to said each resource are added. At said each resource the number of requests are compared against a threshold limiter. At said each resource a subsequent request that is received that exceeds the threshold limiter is canceled. Subsequently requests that are not canceled within a current clock cycle are implemented.

No. of Pages : 43 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/11/2013

(21) Application No.9212/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MEASUREMENTS AND INFORMATION GATHERING IN A WIRELESS NETWORK ENVIRONMENT

(51) International classification :G01S5/02,H04B17/00
(31) Priority Document No :61/488091
(32) Priority Date :19/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/025720
Filing Date :17/02/2012
(87) International Publication No :WO 2012/158229
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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1)SRIDHARA Vinay
2)GUPTA Rajarshi

(57) Abstract :
Disclosed are methods apparatus computer readable media and other implementations including a method for communicating network information. The method includes transmitting a request message from a mobile device to an access point and receiving at the mobile device a reply message transmitted from the access point in response to receiving the request message the reply message including data representative of a transmitted signal power level at the access point of the reply message. The method further includes determining based on the received reply message including the data representative of the transmitted signal power level at the access point a received signal power level at the mobile device of the reply message and a round trip time from a first time instance when the request message was transmitted from the mobile device to a second time instance when the reply message was received at the mobile device.

No. of Pages : 54 No. of Claims : 53

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

(21) Application No.9834/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AGRICULTURAL AND HORTICULTURAL INSECTICIDE COMPOSITION AND UTILIZATION METHOD THEREFOR

(51) International classification	:A01N41/10,A01N57/12,A01N57/14
(31) Priority Document No	:2011144379
(32) Priority Date	:29/06/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/066474 :28/06/2012
(87) International Publication No	:WO 2013/002300
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)TAMURA Shingo
2)AOKI Takao
3)KURIYAMA Ken

(57) Abstract :
Provided is an agricultural and horticultural insecticide composition containing flubendiamide and dichlorvos and/or profenofos 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 dichlorvos and/or profenofos as active ingredients.

No. of Pages : 55 No. of Claims : 6

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

(21) Application No.9501/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TELEMATIC PAYMENT CARD

(51) International classification :G07F7/08,G06Q20/00
(31) Priority Document No :105677
(32) Priority Date :06/05/2011
(33) Name of priority country :Portugal
(86) International Application No :PCT/IB2012/052266
Filing Date :07/05/2012
(87) International Publication No :WO 2012/153259
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)VALADAS PRETO Manuel Janssen

(57) Abstract :
Telematic Payment Card for use remotely with a Central Control & Processing Unit for paying goods and services using mobile network and transferring money between accounts remotely enabling a payment card with monitor and keyboard to communicate banking and financial data remotely to financial institutions and payment networks via said central unit. It is able to perform Person to Person (P2P) payments between card holders Person to Merchant (P2M) Person to Machine (P2Mx) or between a card holder and a bank account. It also enables payments as a normal payment card (debit credit pre paid etc) using a POS (Point Of Sale) terminal at a merchant. An embodiment comprises a battery (201) a security chip (202) processor module (203) memory module (204) sound emitter (205) near filed communications (206) mobile communication module (207) connection or inductive power port (208) input means (209) indicator means (210) display/touch screen (211) antennas or data connections (212 213).

No. of Pages : 50 No. of Claims : 25

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

(21) Application No.9504/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AN IDENTIFICATION SYSTEM FOR A SURFACE

(51) International classification :G09F9/33,G09F19/22,H04N5/272
(31) Priority Document No :11167457.8
(32) Priority Date :25/05/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2012/052595
Filing Date :24/05/2012
(87) International Publication No :WO 2012/160531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)GUPTA Sharvan Prakash

(57) Abstract :
There is provided an identification system for identifying a predetermined surface for dynamic content control in a broadcast system. The system comprises at least one emitter element arranged to transmit an identification signal which is invisible with respect to the predetermined surface and which comprises identification data regarding the outline of the predetermined surface.

No. of Pages : 20 No. of Claims : 14

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

(21) Application No.9505/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS FOR GENERATING ASSIGNMENTS BETWEEN IMAGE REGIONS OF AN IMAGE AND ELEMENT CLASSES

(51) International classification :G06T7/00
(31) Priority Document No :61/489339
(32) Priority Date :24/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052576
Filing Date :23/05/2012
(87) International Publication No :WO 2012/160520
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)RENISCH Steffen
3)SCHWEIZER Bernd
4)HU Zhiqiang

(57) Abstract :
The invention relates to an apparatus for generating assignments between image regions of an image of an object and element classes. The apparatus (1) comprises an assigning unit (13) for assigning element classes to image regions of an element image of the object which is indicative of a distribution of the element classes depending on region and/or boundary features which are determined depending on image values of a provided object image and provided first preliminary assignments. Thus the resulting element image with the assignments to the element classes is not necessarily based on the provided object image only but can also be based on the provided preliminary assignments. If the quality of the assignments defined by the element image would be restricted due to restrictions of the provided object image these restrictions of the provided image can therefore be compensated by the preliminary assignments such that the quality of the resulting element image can be improved.

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

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

(21) Application No.9506/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : APPARATUS AND METHOD FOR GENERATING AN ATTENUATION CORRECTION MAP

(51) International classification :G06T7/00,G01R33/48
(31) Priority Document No :61/489308
(32) Priority Date :24/05/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/052561
Filing Date :22/05/2012
(87) International Publication No :WO 2012/160511
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BLAFFERT Thomas
2)RENISCH Steffen
3)SCHWEIZER Bernd
4)HU Zhiqiang

(57) Abstract :
The invention relates to an apparatus for generating an attenuation correction map. An image providing unit (5 6) provides an image of an object comprising different element classes and a segmentation unit (11) applies a segmentation to the image for generating a segmented image comprising image regions corresponding to the element classes. The segmentation is based on at least one of a watershed segmentation and a body contour segmentation based on a contiguous skin and fat layers in the image. A feature determination unit (12) determines features of at least one of a) the image regions and b) boundaries between the image regions depending on image values of the image and an assigning unit (13) assigns attenuation values to the image regions based on the determined features for generating the attenuation correction map. The performed image processing steps can allow for producing a high quality attenuation correction map even if the initial image does not comprise image values related to the attenuation of radiation like a CT image.

No. of Pages : 40 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/12/2013

(21) Application No.9795/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : DATA PROCESSOR AND DATA PROCESSING METHOD

(51) International classification :H03M13/19,H04L27/34
(31) Priority Document No :2011132790
(32) Priority Date :15/06/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/064807
Filing Date :08/06/2012
(87) International Publication No :WO 2012/173061
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SHINOHARA Yuji
2)YAMAMOTO Makiko

(57) Abstract :
The present technique relates to a data processing method and a data processor capable of improving data error tolerance. In a case in which an LDPC code having a code length of 16 200 bits and an encoding rate of 8/15 is mapped to 16 signal points a demultiplexer performs a switch in which bits b0 b1 b2 b3 b4 b5 b6 and b7 are respectively assigned to bits y0 y4 y3 y1 y2 y5 y6 and y7 when the sign bit for the 4—2 bits is set as b i and the i+1 bit from the most significant bit among the symbol bits in the 4—2 bits of two contiguous symbols is set as y i. The present technique can be applied e.g. to a transmission system for transmitting LDPC codes.

No. of Pages : 314 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/12/2013

(21) Application No.9722/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MICROBUBBLE ELECTROLYZED WATER GENERATION DEVICE AND MICROBUBBLE ELECTROLYZED WATER GENERATION METHOD

(51) International classification :C02F1/46,B01F3/04,B08B3/08
(31) Priority Document No :2012118979
(32) Priority Date :24/05/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/003297
Filing Date :24/05/2013
(87) International Publication No :WO 2013/175800
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)NAKAMOTO Yoshinori

(57) Abstract :
To improve the storage stability of electrolyzed water including chloride gas or hydrogen gas and to provide electrolyzed water having satisfactory cleaning efficiency. [solution] a microbubble electrolyzed water generation device and a microbubble electrolyzed water generation method said microbubble electrolyzed water generation device having provided therein a three chamber electrolytic device comprising an anode chamber (1) having an anode electrode a cathode chamber (2) having a cathode electrode an intermediate chamber (3) and diaphragms (4 5) provided between the intermediate chamber and the anode chamber and the cathode chamber respectively. also provided therein adjacent to the electrolytic device are an acidic electrolyzed water storage tank (10) and an alkaline electrolyzed water storage tank (11). each of these storage tanks connect to the anode chamber or the cathode chamber by pipes and each connect to nanobubble generation devices (14) which generate chloride gas and nanobubble electrolyzed water using the chloride gas generated in the anode chamber and acidic electrolyzed water and hydrogen nanobubble electrolytic water using hydrogen gas generated in the cathode chamber and alkaline electrolyzed water respectively.

No. of Pages : 41 No. of Claims : 5

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

(21) Application No.9587/CHENP/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHODS AND APPARATUS FOR ENHANCED UL RLC FLOW CONTROL FOR MRAB CALLS

(51) International classification :H04l
(31) Priority Document No :61/504103
(32) Priority Date :01/07/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/045327
Filing Date :02/07/2012
(87) International Publication No :WO 2013/006589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)EL SAIDNY Mohamed A.
3)CHAN Chunchung

(57) Abstract :
Systems devices and methods for wireless enhanced uplink (UL) radio link control (RLC) flow control for multi radio access bearer (MRAB) calls. In one aspect a device configured to manage a wireless connection in a voice and data communication is provided. The device includes a receiver configured to receive radio link control (RLC) control information. The device further includes a controller configured to detect one or more radio frequency (RF) conditions. The controller is further configured to dynamically adjust independent of the received RLC control information RLC flow control in response to the RF conditions.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.487/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL TOPICAL HERBAL EXTRACT COMPOSITION FOR USE IN TREATING FOOT AND MOUTH DISEASE

(51) International classification :A61K36/9064
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MAHAKUL, KATU

(57) Abstract :
The present invention relates to a novel synergistic topical herbal extract composition comprising therapeutically effective amounts of extracts of Calotropis gigantean, Tridax procumbens, Cleome viscosa, Terminalia arjuna, Euphorbia hirta, Pongamia pinnata, Lawsonia inermis and Acacia leucophloea for use in treating and/or preventing Foot-and-mouth disease (FMD) in animals. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.488/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING ARTHRITIS

(51) International classification :A61K36/90
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MAHAKUL, KATU

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of extracts of Argyreia nervosa, Cynoglossum zeylanicum, Cissampelos pareira, Zizyphus mauritiana, Cinnamomum zeylanicum, Centella asiatica, Cymbopogon citratus, Erythrina indica, Calotropis procera, Calotropis gigantea and dry ginger powder for use in treating and/or preventing arthritis in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2013

(21) Application No.670/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SYSTEM AND METHOD FOR NON-INVASIVE MEASURMENT OF CONCENTRATION OF ANALYTES IN A BIOLOGICAL SAMPLE

(51) International classification :C12Q1/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SANKI, PRADYUT KUMAR
4)DHAR, ANINDYA SUNDAR
5)MANDAL, PRALAY
6)DAS, SHIB SHANKAR
7)SARANGI, SATYABRATA
8)BANERJEE, SWAPNA

(57) Abstract :
A system for non-invasive measurement of concentration of biological components within a biological sample comprising an optical source for generating optical radiation for absorption by said sample and releasing heat to surroundings in a non-radiative manner causing thermoelastic expansion in the sample leading to increase in pressure depending on the concentration of analytes or concentration of the biological components and generation of acoustic pressure wave from said sample, a photoacoustic signal generating means for generating photoacoustic signal based on the said picked up acoustic pressure wave and detector means disposed for measuring said photoacoustic signal corresponding to the said pressure response of the optical radiation exposed sample and measuring based thereon the concentration of biological components within a biological sample.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.484/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING MAGGOT WOUNDS

(51) International classification :A61K35/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)RAISINGH, BANTHU

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of extracts of leaves of Plumeria rubra, leaves of Cassia occidentalis and stem bark of Chloroxylon swietenia for use in treating maggot infested wounds in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 19 No. of Claims : 8

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

(21) Application No.619/KOL/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : REAR PILLAR STRUCTURE

(51) International classification	:B62D 25/00
(31) Priority Document No	:2013-121681
(32) Priority Date	:10/06/2013
(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

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(72)**Name of Inventor :**
1)MOCHIZUKI SHINEI
2)OISHI KOJI

(57) Abstract :
There is provided a rear pillar structure capable of ensuring high rigidity in a rear door striker reinforcement, a rear seat striker reinforcement, and a rear pillar to which they are mounted, and reducing the weight of these members and hence a vehicle. The configuration of a rear pillar structure according to the present invention is characterized by including a rear door striker reinforcement 130 and a rear seat striker reinforcement 140, the rear door striker reinforcement including a base face 132 that protrudes erectly outward in the width direction of a vehicle, and a top face 134 and a bottom face 136 that extend rearward from the top end and the bottom end of the base face, the rear seat striker reinforcement being disposed in an area surrounded by the base face, the top face, and the bottom face of the rear door striker reinforcement.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.489/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYNERGISTIC HERBAL COMPOSITION FOR USE IN TREATING ANESTRUS IN ANIMALS

(51) International classification :A61K36/744
(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)SETHY, LAXIMIDHAR
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(72)**Name of Inventor :**
1)SETHY, LAXIMIDHAR

(57) Abstract : The present invention relates to a novel synergistic herbal composition comprising comprising of Mung (*Phaseolus radiata*); Bengal gram (*cicer arietinum*); Ground nut (*Arachis hypogea*); Til (*sesamum indicum*); Wheat (*Triticum aestivum*); Ragi (*Eleusine coracana*); Paddy (*Oryza sativa*); horsegram (*Macrotyloma uniflorum*) for use in treating Anestrus in animals. The present invention also relates to a process for the preparation of such composition.

No. of Pages :18 No. of Claims :07

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/02/2011

(21) Application No.587/KOLNP/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : AGROCHEMICAL OIL COMPOSITIONS COMPRISING ALKYLPOLYSILOXANE ADJUVANTS OF HIGH SILICON CHARACTER

(51) International classification	:A01N25/00 A01P13/00 A01P3/00
(31) Priority Document No	:61/106,307
(32) Priority Date	:17/10/2008
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/EP2009/061385 :03/09/2009
(87) International Publication No	:WO 2010/043447
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

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2)LINDSAY, DAVID
3)SIMPELKAMP, JÖRG
4)HARTUNG, CHRISTIAN
5)FERENZ, MICHAEL

(57) Abstract :
The invention relates to agrochemical compositions comprising oils and alkylpolysiloxanes of high silicone character (HSCAS) with good oil compatibility which improve the spreading behavior and reduce surface tension of oil-based agricultural formulations, and optionally comprising agrochemically active ingredients such as fungicides, insecticides or herbicides and/or inert ingredients such as emulsifiers and other agrochemically acceptable components.

No. of Pages : 48 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2014

(21) Application No.631/KOL/2014 A
(43) Publication Date : 12/12/2014

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

(51) International classification	:G06F 3/00
(31) Priority Document No	:2013-123225
(32) Priority Date	:11/06/2013
(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

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(72)**Name of Inventor :**
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2)SATO TADASHI
3)KITTAKA FUMIYOSHI

(57) Abstract :
An information processing system includes a first display control unit and a second display control unit. The first display control unit displays, on a display unit, a button on which a setting value of a program is displayed. The second display control unit starts up the program when the button is pressed and, in accordance with the started program, displays, on the display unit, a setting screen that corresponds to the button being pressed.

No. of Pages : 74 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.486/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION EFFECTIVE AGAINST GASTRO-INTESTINAL ENDOPARASITIC INFECTIONS IN ANIMALS

(51) International classification :A61K36/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)MAHAKUL, DHARANI

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of plant extracts of leaves of Ziziphus nummularia, leaves of Cannabis saliva, seeds of coriandrum sativum, leaves of Lawsonia inermis, bark of Cordia abliqua, leaves of Phyllanthus retuculatus, seeds of Sorghum vulgare and black pepper effective against gastro-intestinal endoparasitic infections in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2012

(21) Application No.579/KOL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HERBAL NUTRACEUTICAL COMPOSITION AND USES THEREOF

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)PEGU, Padmalal

(57) Abstract :
The present invention relates to an herbal nutraceutical food composition comprising of young stalk of Alpinia nigra, whole plant of Drymaria cordata, fruit of Averrhoa carambola, whole plant of Centella asiatica, fruit of Momordica charantia, root of Glycyrhiza glabra and leaves of Chenopodium album. The present invention also relates to a process for the preparation of such composition and use thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/06/2013

(21) Application No.668/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PLUCKING AID ARRANGEMENT FOR TEA PLUCKERS IN TEA INDUSTRY

(51) International classification	:A01D 46/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BHATTACHARYYA, NANDITA
2)CHAKRABARTI, DEBKUMAR

(57) Abstract :
The present invention provides a plucking aid arrangement for tea plucking. The plucking aid arrangement comprises of a silicon rubber cap and a metal blade that covers the fingers of the user at least up to two phalanges. The silicon rubber cap has a hole in the opposite side of the blade for air circulation that also assists in the finger free movement and is easily removable. The blade helps in the efficient removal of young and growing shoots comprising the apical bud and the two internodes immediately below it, which constitute the crop in tea.

No. of Pages : 19 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2013

(21) Application No.676/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR REMOVING ECCENTRICITY IN STUBS OR RADIAL ARM CO-ORDINATES TO ALIGN FLOATING COLLECTORS CONCENTRICALLY TO CONTAIN WITHIN A RADIAL GAP CONFIGURED IN A COMPACT CYLINDER

(51) International classification	:B23P 19/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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3)KARUPPAIAH PARIMANAM
4)RAJAMANICKAM RAVIVARMA
5)THANGARAJU THIRUGANANASAMBANDAM

(57) Abstract :
The invention relates to a process for removing eccentricity in stubs or radial arm co-ordinates to align floating Collectors concentrically to contain within a radial gap configured in a compact cylinder, comprising the steps of :- mounting a plurality of floating collectors having multiple alignment nodes a telescopically in supporting structure; locating the alignment nodes of the collectors, and assembling a plurality of eccentric eliminator at the alignment nodes for integrating inlets of the collectors or outlets of the stubs or radial arms; setting eccentricity correction in the eccentricity eliminators; match marking eccentricity orientations; dismantling the collectors from the supporting structure; re-mounting and re-machining of the alignment nodes of the collectors to concentricity using the eccentricity eliminators; re-assembling the floating multiple collectors concentrically; performing material deposition; and connecting the alignment nodes to match the designed dimensional concentricity of the collector assembly.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2013

(21) Application No.677/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : FIXTURE FOR SAFE HANDLING AND TRANSPORT OF EMERGENCY STOP VALVE AND CONTROL VALVE (ESV-CV) OF 660MW STEAM TURBINE OF A THERMAL POWER PLANT

(51) International classification :A62B 35/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MANEESH BATRANI
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5)GOPALAKRISHNAN VENKITANCHALAM
6)HIMANSHU GARG

(57) Abstract :
A fixture for safe handling and transport of emergency valve and control valve (ESV-CV) of 660MW steam turbine consists of a base made of I-section beams, ten in numbers out of which five are parallel in horizontal plane and remaining five intersecting them at right angle and are also horizontal. These I-sections beams (1,2) are connected to three vertical columns (3) whose height is kept in between 385 to 685 mm when each column contains three vertical beams (4). A horizontal beam is disposed at the top of these vertical columns (3). Bottom 10 beams (1, 2) are adjusted in such away that they fall just below the columns (3) to support them. A wooden block (6) is fastened with the horizontal channel (5) and ESV-CV (7) sits over this wooden block (6). Stiffeners (8) are provided to arrest the transverse movement of vertical columns (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.490/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING MAGGOT WOUNDS

(51) International classification :A61K35/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)SAHOO, DURYODHAN

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of extracts of Colocasia esculenta, Mesua ferrea bark, Maytenus emarginata leaves, Carissa carandas root, Andropogon muricatus leaf along with Aloe vera gel, Hyoscyamus niger oil and Jatropha curcas latex, for use in treating maggot infested wounds in a mammal. The present invention also relates to a process for the preparation of such composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2011

(21) Application No.5132/KOLNP/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRODUCING ISOBUTENE BY CRACKING MTBE

(51) International classification :C07C 11/09
(31) Priority Document No :102009027404.9
(32) Priority Date :01/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/058424
Filing Date :16/06/2010
(87) International Publication No :WO 2011/000696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ARMIN RIX
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6)HOLGER WIEDERHOLD
7)GUNNAR SCHILLING
8)CHRISTIAN B–ING

(57) Abstract :
The invention relates to a method for producing isobutene by cracking MTBE, wherein the following steps are carried out: a) MTBE synthesis; reacting isobutene-containing hydrocarbon mixtures (II) with methanol (III), contained in one or more methanol containing streams (VIII, IX), on acidic ion exchangers obtaining a stream (IV) containing MTBE and TBA, b) MTBE separation; separating a stream (V) containing MTBE and TBA from stream (IV) by means of distillation, c) MTBE cracking; cracking the stream (V) on a heterogenic catalyst in the gas phase, thus obtaining a stream (VI) which contains at least isobutene, methanol, MTBE, water, and optionally TBA, d) isobutene separation; separating the stream (VI) by means of distillation, thus obtaining a stream (VII) containing more than 50 mass % of the amounts of methanol, TBA, and water contained in stream (VI), and a stream (XVII) containing isobutene, e) water separation; separating, water from the stream (VII) to below 1 mass % by means of distillation, thus obtaining a stream (VIII), f) recirculating; complete or partial recirculation of the methanol-containing stream (VIII) into the MTBE synthesis. The invention further relates to a tube bundle device comprising the following elements: i) tube bundle, ii) tube bottom, iii) deflection plates, iv) inner shell, iv) pressure bearing outer shell, comprising at least one inlet and outlet, vi) shell chamber, comprising a fluid releasing or absorbing heat, characterized in that the inner shell is connected to the deflection plates attached over the length of the tube bundle without a gap, or with a small gap, and is connected to the tube bottom, wherein the fluid present in the shell chamber encloses the inner shell on both sides.

No. of Pages : 78 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2011

(21) Application No.1017/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : MODIFIED ALKOXYLATION PRODUCTS HAVING AT LEAST ONE NON-TERMINAL ALKOXYSILYL GROUP, WITH INCREASED STORAGE LIFE AND INCREASED STRETCHABILITY OF THE POLYMERS PREPARED USING THEM

(51) International classification :C08G63/08
(31) Priority Document No :10 2010 038 774.6
(32) Priority Date :02/08/2010
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MELANIE ROESSING
3)MATTHIAS LOBERT
4)FRANK SCHUBERT
5)TAMMO BOINOWITZ
6)MICHAEL FERENZ

(57) Abstract :Modified alkoxylation products of the formula (l),their use and processes for preparing them.

No. of Pages : 52 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.491/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING BLOATING

(51) International classification :A61K36/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MAHAKUL, JOGI

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of extracts of Phyllanthus fraterna, Paederia foetida, Anthocephalus chinensis, Balanites aegyptica, Helianthus annum, Diplocyclos palmatus,and Cocculus hirsutus for use in treating bloating in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/12/2011

(21) Application No.5133/KOLNP/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : METHOD FOR REGENERATING A CATALYST

(51) International classification :B01J 23/02
(31) Priority Document No :102009027405.7
(32) Priority Date :01/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/058423
Filing Date :16/06/2010
(87) International Publication No :WO 2011/000695
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant : EVONIK OXENO GMBH**
Address of Applicant :PAUL-BAUMANN-STR.1,45772 MARL,GERMANY
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2)RÖTTGER, DIRK
3)BUKOHL, REINER
4)WINTERBERG, MARKUS
5)MASCHMEYER, DIETRICH

(57) Abstract :
The invention relates to a method for regenerating catalysts, containing mixed oxides from the group of alkali metals and/or alkaline earth metals, aluminum oxide and silicon oxide, characterized in that the regeneration has the following features: i) treating the catalyst in situ, ii) bringing the catalyst in contact with water, iii) treating the catalyst in a temperature range of 100 to 400°C, iv) treating the catalyst in a pressure range of 0.1 to 2 MPa, v) treating the catalyst over a time period of 0.1 to 24 h, vi) treating the catalyst with a specific catalyst load of 0.1 to 100 h-1.

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2013

(21) Application No.685/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PACKET FOR HOLDING SUBSTANTIALLY ELONGATED ARTICLES SUCH AS CIGARETTES

(51) International classification	:B65D 85/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KASTHA,ANINDYA
2)HALDER,PROSUN
3)KUMAR,ASHWANI

(57) Abstract :
This invention relates generally to a packaging system. More particularly, the present invention relates to a packet for holding substantially elongated articles such as cigarettes and the like. This invention can be used for secure packing of cigarettes, candy and the like products. It provides a click lock feature of the double layered folding lid. It is achieved through creating integrated notches from the folding lid, which lock within the slots created on the outer container with a click, delivering a secure closing and opening experience.

No. of Pages : 19 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2012

(21) Application No.553/KOL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HERBAL DENTAL CARE COMPOSITION

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GOGOI, Shadeswar

(57) Abstract :
The present invention relates to an herbal extract dental composition comprising of therapeutically effective amount of seeds of Solanum ferox, bulbs of Allium sativum and leaves of Leucas linifolia for use in treating toothache in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2012

(21) Application No.554/KOL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A TOPICAL HERBAL COMPOSITION FOR USE IN TREATING MUSCLE CRAMPS

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :C/o Jalil Ali Madrasa Bangaon PO: Bangaon Nalbari Assam -781340 India
(72)**Name of Inventor :**
1)BIBI Marian

(57) Abstract :
The present invention relates to a topical herbal composition comprising of therapeutically effective amount of roots of Ficus rumphii leaves of Paederia foetida root of Scoparia dulcis rhizomes of Alpinia galanga leaves of Blumea fistulosa and leaves of Ficus religiosa for use in treating muscle cramps in subjects in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 20 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/06/2013

(21) Application No.689/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : TANK ARRANGEMENT

(51) International classification	:B01L 3/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BEHRUZI KEI PHILIPP
2)SCHMITZ BURKHARD
3)FRIES NICOLAS
4)KÖHLER HORST

(57) Abstract :
A separator tank for separating and retaining a liquid phase from a liquid-gas fluid mixture is suitable for use with cryogenic as well as non-cryogenic liquids, in space experiments or other applications under weightless conditions. The separator tank has liquid storage members of porous, sponge-like metal foam arranged in a tank vessel. The total pore volume and porosity characteristics of the metal foam are selected to provide capillary uptake greater than the total volume of the liquid to be retained. In a preferred example, the liquid storage members are coaxially arranged, radially spaced, annular cylindrical members, with flow passage notches at alternating opposite ends thereof, to form a meandering fluid flow path therebetween. A gas extraction device is provided at the center of the tank. The separator tank and an upstream connected fluid supply tank can be arranged within a cryostat.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.481/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL TOPICAL HERBAL EXTRACT COMPOSITION FOR USE IN TREATING TICK INFESTATION

(51) International classification :A61K36/53
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)SINGH, KRUSHNA

(57) Abstract :
The present invention relates to a novel synergistic herbal topical composition comprising therapeutically effective amounts of extracts of leaves of Begonia picta, aerial parts of Lavandula officinalis, leaves of Eucalyptus and aerial parts of Mentha viridis for use in treating tick infestation in animals. The present invention also relates to a process for the preparation of such composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2013
(21) Application No.695/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL METHOD OF SEPARATION AND ISOLATION OF INDIRUBIN FROM STROBILANTHES FLACCIDIFOLIUS LEAVES.

(51) International classification :G01N 30/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)LAITONJAM, WARJEET, SINGH
2)WANGKHEIRAKPAM, SUJATA

(57) Abstract :
The present invention relates to a method for the separation and isolation of indirubin, resulting in high yield from Strobilanthes flaccidifolius comprising the steps of: (i) taking fresh leaves of Strobilanthes flaccidifolius in a closed stoppered flask and adding chloroform such that the reaction of indoxyl with β-glucosidase occurs in the presence of chloroform; (ii) collecting the product intermittently after 3 days for 3 times; (iii) concentrating the obtained liquid product of step (ii) with the help of a freeze drier; (iv) loading the said product in an open column chromatograph; (v) eluting indirubin first with petroleum ether and then with 50% chloroform in methanol.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2013

(21) Application No.696/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A LOW COST EXTRUDER FOR THIRD GENERATION SNACKS.

(51) International classification	:A23L1/10, A23L1/105
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)DAS, AMIT, BARAN
2)SRIVASTAV, PREM, PRAKASH

(57) Abstract :The present invention provides a low coat extruder that produces third generation snacks for human consumption The extruder comprises: a barrel having at least two portion(s) for cooking and cooling the material, wherein the portion(s) having at least two hole(s) for inlet and outlet of a medium; a feed assembly comprises a feed container connected to the barrel for guiding the material into the barrel for processing;an extrusion screw connecting centrally to the barrel for processing the material wherein processing of the material includes receiving,mixing and conveying of the material; an extrusion die providing a passage between the circular exit of the barrel to facilitate the material dimensions; a drive means for driving the extrusion screw; a variable frequency drive connecting to the extrusion screw to facilitate control of speed of the extrusion screw.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2013

(21) Application No.1265/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : ROBOT

(51) International classification	:B26B 13/00
(31) Priority Document No	:2013-122092
(32) Priority Date	:10/06/2013
(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

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(72)**Name of Inventor :**
1)SHINGI TAKAHASHI
2)TAKUYA OKADA
3)TOMOYUKI SHIRAKI

(57) Abstract :
A robot according to embodiments includes a first link, a second link, an actuator, a scissors gear, and a support part. The second link is rotatably connected to the first link. The actuator drives the second link in a rotatable manner. The scissors gear includes a main gear and a sub gear, and outputs driving force from the actuator to the second link. The support part is attached to the first link and rotatably supports the scissors gear. Furthermore, the scissors gear includes a spring that is arranged adjacent to the support part in the direction of the rotational axis of the scissors gear and applies biasing force to the main gear and the sub gear in rotational directions different from each other.

No. of Pages : 65 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.933/KOL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POMEGRANATE ARIL EXTRACTOR AND METHOD OF EXTRACTION

(51) International classification	:B65G 1/00, B65G 65/00, B65G 47/00	(71)**Name of Applicant :** **1)UDDHAB KUMAR BHARALI** Address of Applicant :UKB AGROTECH, WARD NO. 11, BHAIRAB NAGAR, K.B. ROAD, NORTH LAKHIMPUR, ASSAM - 787001, INDIA (72)**Name of Inventor :** **1)UDDHAB KUMAR BHARALI**
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No Filing Date	:NA :NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract :
The present invention provides a pomegranate aril extractor (100) enclosed in a casing (110) comprising a plurality of conveyors (120) and at least one collector (170). The plurality of conveyors (120) further comprises an upper (120a) and a lower conveyor (120b) placed at a height parallel to the ground, one on top of the other. The present invention also provides a method of extraction of arils from the pomegranate rind.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.482/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL SYNERGISTIC HERBAL COMPOSITION FOR USE IN TREATING HEAD AND BODY ACHES

(51) International classification :A61K36/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)KATHARA, KULLHA

(57) Abstract :
The present invention relates to an oral herbal composition comprising therapeutically effective amounts of extracts of leaves of Paederia scandens, bark of Capparis sepiara, bark of Bombax ceiba, bark of Terminalia arjuna, root of Clitoria ternatea, fruit of Piper nigrum, leaves of Sida acuta, root of Cardiospermum halicacabum, flowers of Lantana camara for use in treating headaches and bodyaches in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 25 No. of Claims : 7

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

(21) Application No.620/KOL/2014 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : VEHICLE SIDE STRUCTURE

(51) International classification :B60G 7/00
(31) Priority Document No :2013-121509
(32) Priority Date :10/06/2013
(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

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(72)**Name of Inventor :**
1)MOCHIZUKI SHINEI
2)USUDA YOSHITAKA

(57) Abstract :
The present invention provides a vehicle side structure in which a fixing member such as a bolt for fixing other elements to a side member can be more reliably fixed to the side member while also preventing deformation of the side member. A vehicle side structure 100 includes a side member 102 that extends in the vehicle forward-rearward direction and has a bottom face 114a that is inclined downward as it extends rearward, an outer wall face 114b and an inner wall face 114c that extend upward from the bottom face, and an upper face 114d that connects the outer wall face and the inner wall face; a suspension frame 104 that is installed to the bottom of the side member; a first bracket 106 that is installed inside the side member and includes an attachment seating face 116 that is located above the bottom face; and a bolt 108 that passes through the bottom face of the side member, and has one end 108a that is arranged on the suspension frame side and another end 108b that is fixed to the attachment seating face of the first bracket. The first bracket is fixed to the bottom face, the outer wall face, the inner wall face, and the upper face of the side member, and the attachment seating face serves as a horizontal face that is orthogonal to the lengthwise direction of the bolt.

No. of Pages : 21 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.478/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING BLOATING

(51) International classification :A61K36/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NAYAK, BHAKTA

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of extracts of Holoptelea integrifolia, Aristolochia bracteolata, Citrullus colocynthis, Aerva lanata, Corallocarpus epigaeus, and Pergularia daemia for use in treating bloating in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2012

(21) Application No.562/KOL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HERBAL COMPOSITION EFFECTIVE AGAINST GASTRO-INTESTINAL ENDOPARASITIC INFECTIONS IN ANIMALS

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)BARMAN Surya

(57) Abstract :
The present invention relates to a novel oral herbal composition comprising therapeutically effective amount of leaves of Anthocephalus cadamba Caesalpinia crista Hydrocotyle rotundifolia Hemidesmus indicus effective against gastro-intestinal endoparasitic infections and particularly constipation caused by endoparasitic infections in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 17 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2012

(21) Application No.563/KOL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL SYNERGISTIC HERBAL COMPOSITION FOR USE IN TREATING PNEUMONIA

(51) International classification :A61K36/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HIRA Bhula

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of extracts of roots of Tejmui (Zanthoxylum hamiltonianum) extracts of roots of bhomora (Terminalia bellerica) and said extract of Zingiber officinalis is prepared from shoots of Moran ada (Zingiber officinalis) for use in treating and preventing Pneumonia in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.479/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING WOUNDS

(51) International classification :A61K35/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)KATHARA, KULLHA

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of plant extracts of Acacia catechu, Barleria cristata, Azadirachta indica, Lantana camara and Tridax procumbens for use in treating wounds in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

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

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

(21) Application No.1458/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : PRINTING APPARATUS

(51) International classification	:B41J 11/00
(31) Priority Document No	:2013-122056
(32) Priority Date	:10/06/2013
(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

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(72)**Name of Inventor :**
1)YOSHIAKI YUBA
2)AKITAKA TSUDA

(57) Abstract :
There is provided a printing apparatus capable of continuously printing onto two orthogonal side faces of a work that is being conveyed by a conveying apparatus. A printing unit 5 that has a print head portion 8 and a head attachment portion 6 having rollers 604 and 605 that come into contact with a side face of a work 10 is attached to one end of an arm 2. The other end of the arm 2 is rotatably supported by an arm support portion 3. The arm support portion 3 is equipped with a torque generating means 320 that applies torque to the arm 2, and the torque applied to the arm 2 by the torque generating means 320 presses the printing unit 5 against the work 10 that is being conveyed by the conveying apparatus. While the rollers 604 and 605 installed in the head attachment portion 6 are brought into contact with the work 10, the printing unit 5 is moved along a front face of side faces of the work 10, the front face facing the printing unit 5, in accordance with conveyance of the work 10, and printing onto the front face of the work 10 is performed while the printing unit 5 is being moved.

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.476/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A HERBAL EXTRACT COMPOSITION FOR USE IN TREATING ANESTRUS IN ANIMALS

(51) International classification :A61K36/744
(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)SAHU, LAXMAN
Address of Applicant :VILLAGE: JAGANNATHPUR, DISTRICT: JAGATSINGHPUR STATE: ORISSA 754103, INDIA
(72)**Name of Inventor :**
1)SAHU, LAXMAN

(57) Abstract :
The present invention relates to a herbal composition comprising of therapeutically effective amount of an extract of Hygrophila auriculata for use in treating Anestrus in animals. The present invention also relates to a process for the preparation of such composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/08/2012

(21) Application No.936/KOL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : POMEGRANATE DE SEEDER AND METHOD OF DE SEEDING

(51) International classification	:A01C 7/00	(71)**Name of Applicant :** **1)UDDHAB KUMAR BHARALI**
(31) Priority Document No	:NA	Address of Applicant :UKB AGROTECH, WARD NO. 11,
(32) Priority Date	:NA	BHAIRAB NAGAR, K.B. ROAD, NORTH LAKHIMPUR,
(33) Name of priority country	:NA	ASSAM - 787001, INDIA
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)UDDHAB KUMAR BHARALI**
(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 pomegranate de-seeder (100) that is portable, handy and cost effective and that can also be used for domestic purpose of de-seeding pomegranates. The present invention also provides a method of de-seeding pomegranates.

No. of Pages : 16 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2010

(21) Application No.2806/KOLNP/2010 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : SILOXANE COMPOSITIONS

(51) International classification :C08L69/00
(31) Priority Document No :102008000255.0
(32) Priority Date :08/02/2008
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2008/067405
Filing Date :12/12/2008
(87) International Publication No : WO 2009/097936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :EVONIK GOLDSCHMIDT GMBH**
Address of Applicant :GOLDSCHMIDTSTRASSE 100,45127 ESSEN,GERMANY
(72)**Name of Inventor :**
1)GLOS MARTIN

(57) Abstract :
The invention relates to siloxane compositions containing a mixing component that is based on cashew nut shell liquid - CNSL.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.477/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING BLOATING

(51) International classification :A61K36/28
(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)BEHERA, ARJUNA
Address of Applicant :VILLAGE: ITAMATI, DISTRICT: NAYAGARH, STATE: ORISSA-752068 INDIA
(72)**Name of Inventor :**
1)BEHERA, ARJUNA

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of extracts of Amorphophallus campanulatus, Capsicum frutescens, Cocculus hirsutus, Gymnema sylvestre, Ximenia americana and common salt for use in treating bloating in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 18 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2012

(21) Application No.561/KOL/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A NOVEL HERBAL TOPICAL COMPOSITION FOR USE IN TREATING OTORRHOEA

(51) International classification :A61K36/00
(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)Dhaniram Phukan
Address of Applicant :Kokoratoli Borguri Dist.: Tinsukia Assam 786125 India
(72)**Name of Inventor :**
1)Dhaniram Phukan

(57) Abstract :
The present invention relates to a topical herbal composition comprising therapeutically effective amounts of leaf of Dolichus lablab leaf of Basella rubra Allium sativum and nut of Areca catechu for use in treating otorrhoea in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 15 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/06/2013

(21) Application No.694/KOL/2013 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYSTEM/KIT FOR CONVERSION OF RO WATER PURIFIERS WASTE WATER INTO NON-DRINKING OTHER BENEFIT UTILIZATION.

(51) International classification	:G01N 30/00
(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)TIBREWAL, SANDIP
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(72)**Name of Inventor :**
1)TIBREWAL, SANDIP

(57) Abstract :
The present invention relates to the need of saving water and making benefit utilization of water RO (Reverse Osmosis) treated rejected water for convenient utilization for various non-drinking water requirements in household and/or industrial units. The invention is directed to providing a kit which would be adopted for use with RO water purifier/treatment units whereby the unutilized and usually weakly flowing RO treated rejected water can be converted into utility flow as a non-drinkable water resource for various advantageous uses such as for gardening, washing clothes, washing utensils and various other like non- drinkable utilization of water. The regular use of RO purifiers for generating pure drinking water, is always an accompanying loss of scarce water by water rejected by way of the water exiting from the RO purifiers/filters. The present advancement is targeted at development of a system/kit which would enable making benefit utilization of such rejected water emanating from RO purifier/treatment units whereby the scarce water source can be better utilized without unnecessary wastage of water.

No. of Pages : 11 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011

(21) Application No.485/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : NOVEL SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING MALARIA

(51) International classification :A61K36/884
(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)KATHARA, KULLHA
Address of Applicant :VIL. TAINSI, VIA VIL. ANTULIA (ATHAMALIK), DIST. ANGUL-759127, ORISSA,INDIA
(72)**Name of Inventor :**
1)KATHARA, KULLHA

(57) Abstract :
The present invention relates to a novel herbal extract composition comprising therapeutically effective amounts of Leaves and stem of Paederia scandens, fruit and seeds of Embilica officinalis, roots of Gmelina arborea, leaves of Wattakaka volubilis, leaves of Clerodendrum inerme and leaves of Vitex nigundo, for use in treating malaria in a subject in need thereof. The present invention also relates to a process for the preparation of such composition.

No. of Pages : 18 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/10/2010

(21) Application No.1114/KOL/2010 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A PROCESS FOR PRODUCING TUITY-FRUITY FROM CHOW-CHOW

(51) International classification :A23L1/162
(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)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (RC FOR NEH REGION)
Address of Applicant :ICAR (RC) FOR NEH REGION, UMROI ROAD, UMIAM, MEGHALAYA-793 103 , INDIA
(72)**Name of Inventor :**
1)A. NATH
2)BIDYUT C. DEKA
3)S.V. NGACHAN

(57) Abstract :
A process for producing tuity-fruity from chow-chow (Sechium edule.) was prepared from matured chow-chow vegetables. In this method, peeled chow-chow were sliced into pieces of (10-15) x (10-12) x 5 mm followed by blanching in hot water at 90°C for 5-10 minutes. Blanched chow-chow slices are kept dipped for 1 - 2 hours in a first dip solution, heated to 90-95° C, containing 1.3 - 1.5 litre water + 60- 80 g common sugar + 300-400ml of Prunus nepalensis fruit juice + 200-300ml ginger juice. Chow-chow slices from the fist dip solution are again dipped in the heated second dip solution containing 1.3-1.5 litres water + 140-150g common sugar + 300-400ml of Prunus nepalensis fruit juice + 200-300ml ginger juice. Chow-chow slices are kept for 2 - 3 hours in the second dip solution while continuously heating to maintain the temperature of the second dip solution at 90 - 95° C. After completion of second stage of heating, chow-chow slices are withdrawn from the second dip solution, placed uniformly in single layer on tray drier and dried at 60° C for 15-30 minutes for surface drying . Prunus nepalensis juice is used as a natural colouring and acidulant effect and fresh ginger (Gingiber officinale) juice is used for flavouring agent. The chow-chow tuity fruity thus prepared had 70-73% total soluble solid (TSS).

No. of Pages : 10 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2012

(21) Application No.2606/KOLNP/2012 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : INTER-FREQUENCY POSITIONING MEASUREMENTS

(51) International classification :H04W24/00
(31) Priority Document No :61/306,194
(32) Priority Date :19/02/2010
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2010/050735
Filing Date :28/06/2010
(87) International Publication No :WO/2011/102769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LENOVO GROUP LIMITED
Address of Applicant :23RD FLOOR, LINCOLN HOUSE, TAIKOO PLACE, 979 KING'S ROAD QUARRY BAY, HONG KONG (China)

(72)**Name of Inventor :**
1)SIOMINA, Iana
2)KAZMI Muhammad

(57) Abstract :
A networks node generates an inter- frequency neighbor list of neighbor cells intended to be measured including neighbor cells satisfying an alignment condition and a sufficient measurement time. The alignment condition is satisfied when subframes of a first signal having a first frequency transmitted via a reference cell associated with the user equipment are synchronized with, have a known offset relative to or have a random offset smaller than one half of a sub frame relative to corresponding subframes of a second signal having a second frequency transmitted via a neighboring cells. The sufficient measurement time is determined by an overlap of measurement gaps and positioning subframes in the second signal. The user equipment performs the inter-frequency Reference Signal Time Difference (RSTD) measurements during measurement gaps.

No. of Pages : 54 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2011
(21) Application No.483/KOL/2011 A
(43) Publication Date : 12/12/2014

(54) Title of the invention : A SYNERGISTIC HERBAL EXTRACT COMPOSITION FOR USE IN TREATING AND PREVENTING BONE FRACTURES

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

(71)**Name of Applicant :**
1)KHILA, DAITARI
Address of Applicant :VILLAGE: MALIKHUDI DISTRICT: KORAPUT-764039 ORISSA,INDIA
(72)**Name of Inventor :**
1)KHILA, DAITARI

(57) Abstract :
The present invention relates to a novel synergistic herbal extract composition comprising therapeutically effective amounts of extracts of Soymida febrifuga, root of Tinospora cordifolia, bark of Buchanania lanzan, and leaf of Pupalia lappacea for use in treating and preventing bone fracture in a mammal. The present invention also relates to a process for the preparation of such composition.

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

AMENDMENT UNDER SEC. 57(KOLKATA)

An application for change in address for service from P.D. Gupta C/o L. S. DAVAR & CO., MONALISA, FLATS 1B & 1C CAMAC STREET, KOLKATA-700 017 to L.S. DAVAR & CO. 32, Radha Madhav Dutta Garden Lane, Kolkata in respect of Patent No. 221094 (170/KOLNP/2006) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

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
256599	Glaxo Group Limited.	A process for preparing the Form 1 succinate salt of biphenyl-2- yl carbamic acid 1-[2-(2-Choloro-4-{[®-(8-Hydroxy-2-(8-Hydroxy-2-oxo-1,2-Dihydroquinolin-5-YL)Ethylamino]Methyl}-5-Methoxyphenylcarbomoyl)Ethyl]Piperidin-4-YL Ester.	08/02/2014	KOLKATA
254104	Greenheck Fan Corporation	An exhaust assembly to exhaust contaminated air from a building.	19/01/2014	KOLKATA

PUBLICATION U/S.60 IN RESPECT OF APPLICATION FOR RESTORATION OF PATENTS(KOLKATA)

Notice is hereby given that application for restoration of under mentioned Patents have been allowed and said Patents are restored.

Sl.No.	Appln. No.	Patent No.	Applicants	Title	Date of Publication U/R.84(3)	Appropriate Office
1.	2762/KOLNP/2006	242349	**DENTOFIT A/S**	A Composite material	29/08/2014	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	264088	1756/DELNP/2008	23/06/2006	08/09/2005	METHOD FOR ADJUSTING A WATER TEMPERATURE AND A PASTEURISATION TUNNEL	SANDER HANSEN A/S	20/03/2009	DELHI
2	264090	2141/DEL/2007	11/10/2007 15:01:16	13/10/2006	PROJECTION DISPLAY SYSTEM	HITACHI CONSUMER ELECTRONICS CO., LTD.	01/08/2008	DELHI
3	264091	6154/DELNP/2007	31/03/2006	05/04/2005	TIE COAT FOR AN ORGANOPOLYSILOXANE BASED ANTIFOULING COATING FILM	CHUGOKU MARINE PAINTS, LTD.	31/08/2007	DELHI
4	264093	758/DELNP/2008	06/07/2006	07/07/2005	siRNA FOR DOWNREGULATING H19	YISSUM RESEARCH DEVELOPMENT COMPANY	11/07/2008	DELHI
5	264098	1023/DELNP/2007	22/07/2005	22/07/2004	A METHOD FOR PRODUCTION OF A SOLUBLE,ANTIGEN-SPECIFIC VH BINDING DOMAIN	ERASMUS UNIVERSITY MEDICAL CENTRE ROTTERDAM,ROGER KINGDON CRAIG	03/08/2007	DELHI
6	264099	6213/DELNP/2008	08/01/2007	18/01/2006	A FILTRATION MEDIUM AND UNITARY MULTISTRATA MATERIAL	BUCKEYE TECHNOLOGIES, INC,	24/10/2008	DELHI
7	264100	4965/DELNP/2009	29/01/2008	08/02/2007	METHODS OF RELEASING SPOROCYSTS FROM OOCYSTS USING CONTROLLED SHEAR FORCES	EMBREX, INC.,	10/09/2010	DELHI
8	264101	1576/DELNP/2007	22/09/2005	23/09/2004	CYSTEINE ENGINEERED ANTIBODIES AND CONJUGATES	GENENTECH,INC.	24/08/2007	DELHI
9	264103	1072/DEL/2005	29/04/2005	30/04/2004	METHOD FOR MAINTAINING WIRELESS NETWORK RESPONSE TIME WHILE SAVING WIRELESS ADAPTER POWER	MICROSOFT CORPORATION	19/06/2009	DELHI
10	264104	2094/DELNP/2007	09/09/2005	09/09/2004	A METHOD FOR INTERLINKING DISPARATE COMMUNICATION SYSTEMS	INTEROPERABILITY TECHNOLOGIES GROUP LLC	04/05/2007	DELHI

11	264115	7369/DELNP/2006	03/06/2005	18/06/2004	METHOD AND APPARATUS FOR VIDEO CODEC QUANTIZATION	THOMSON LICENSING	22/06/2007	DELHI
12	264128	2407/DELNP/2007	30/09/2005	30/09/2004	MODIFIED RELEASE IBUPROFEN DOSAGE FORM	CSC TRUST COMPANY OF DELAWARE,SVADS HOLDINGS SA	03/08/2007	DELHI
13	264135	246/DEL/2009	09/02/2009 15:34:29		RECOMBINANT CHIMERIC FUSION PROTEIN AND PROCESS OF PREPARATION THEREOF	DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION	20/08/2010	DELHI
14	264141	6662/DELNP/2007	13/01/2006	04/03/2005	IMPROVEMENTS IN OR RELATING TO SPREAD SPECTRUM TRANSMISSION SYSTEMS	NOKIA CORPORATION	21/09/2007	DELHI
15	264145	1479/DEL/2006	23/06/2006		A NOVEL PROCESS OF SPORULATION, ACTIVATION AND GERMINATION IN THERMOPHILIC BACTERIA FOR RAPID DETECTION OF ANTIBIOTIC RESIDUES IN MILK	NATIONAL RESEARCH DEVELOPMENT CORPORATION	09/12/2011	DELHI
16	264150	5976/DELNP/2007	22/02/2006	28/03/2005	A METHOD FOR PRODUCING A LABEL SWITCHING PATH (LSP) DATABASE FOR NETWORK BASED VPNS	CISCO TECHNOLOGY, INC.	17/08/2007	DELHI
17	264156	5901/DELNP/2008	22/01/2007	23/01/2006	A CLEANING COMPOSITION	THE PROCTER & GAMBLE COMPANY	26/09/2008	DELHI
18	264157	3163/DELNP/2008	02/10/2006	20/10/2005	STRAND GUIDING ROLLER	SIEMENS VAI METALS TECHNOLOGIES GMBH	08/08/2008	DELHI
19	264164	3662/DELNP/2008	26/10/2006	22/11/2005	A CURABLE EPOXY RESIN COMPOSITION	HUNTSMAN ADVANCED MATERIALS (SWITZERLAND)GMBH	29/08/2008	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	264094	1955/MUM/2007	03/10/2007	20/10/2006	APPARATUS AND PROCESS FOR OXYCHLORINATION	VINNOLIT GMBH & CO.	05/06/2009	MUMBAI
2	264095	1937/MUM/2006	24/11/2006		IMPROVED PROCESSES FOR THE PREPARATION OF (S)-(+)-CLOPIDOGREL BASE AND ITS DIFFERENT SALTS	CADILA HEALTHCARE LIMITED	25/07/2008	MUMBAI
3	264105	2063/MUMNP/2007	25/05/2006	27/05/2005	LINE PRESSURE MEASUREMENT USING DIFFERENTIAL PRESSURE SENSOR	ROSEMOUNT INC.	11/01/2008	MUMBAI
4	264114	669/BOM/1998	16/10/1998		FIXTURES FOR MOUNTING SPEAKERS IN CEILING	SARANG LONKAR	27/03/1999	MUMBAI
5	264147	1792/MUM/2006	30/10/2006		A SINGLE STEP PROCESS FOR THE PREPARATION OF 2-CYANO-N,N-DIETHYL ACETAMIDE INTERMEDIATE USEFUL IN PREPARATION OF ENTACAPONE	WOCKHARDT LTD	15/08/2008	MUMBAI
6	264153	906/MUMNP/2009	30/10/2007	08/11/2006	AN AQUEOUS CONDITIONING SHAMPOO COMPOSITION	HINDUSTAN UNILEVER LIMITED	03/07/2009	MUMBAI
7	264168	2779/MUM/2009	01/12/2009 15:59:45		PROCESS FOR PREPARING METHYL PHENIDATE HYDROCHLORIDE	HARMAN FINOCHEM LIMITED	09/07/2010	MUMBAI
8	264179	1863/MUMNP/2009	04/04/2008	05/04/2007	METHODS FOR DETECTING A TARGET NUCLEOTIDE SEQUENCE IN A SAMPLE UTILISING A NUCLEASE-APTAMER COMPLEX	AUSTRALIAN CENTRE FOR PLANT FUNCTIONAL GENOMICS PTY LTD.	28/05/2010	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	264089	1094/CHENP/2007	15/09/2005	15/09/2004	METHOD AND SYSTEM FOR INDENTIFYING INPUT DATA IN A REPOSITORY DATA	INTERNATIONAL BUSINESS MACHINES CORPORATION	17/08/2007	CHENNAI
2	264092	2535/CHE/2007	05/11/2007		METHOD OF PAPER MOVEMENT FROM LOWER TRAYS TO UPPER TRAYS DURING IDLE PERIOD OF A PRINTING APPARATUS	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
3	264106	7233/CHENP/2008	07/06/2007	09/06/2006	METHODS AND SYSTEMS FOR MANAGING CONGESTION IN A MULTI-LAYER TELECOMMUNICATIONS SIGNALLING NETWORK PROTOCOL STACK	TEKELEC GLOBAL, INC.	21/08/2009	CHENNAI
4	264107	5453/CHENP/2008	26/04/2007	26/04/2006	DYNAMIC DISTRIBUTION OF DEVICE FUNCTIONALITY AND RESOURCE MANAGEMENT	QUALCOMM INCORPORATED	20/03/2009	CHENNAI
5	264109	2676/CHE/2007	16/11/2007		METHOD TO TAILOR STREAM CONTROL TRANSMISSION PROTOCOL (SCTP) IN WIRED AND WIRELESS ENVIRONMENT	SAMSUNG R& D INSTITUTE INDIA BANGALORE PRIVATE LIMITED	11/09/2009	CHENNAI
6	264110	1382/CHENP/2007	04/10/2005	05/10/2004	HIGH STRENGTH, HIGH TOUGHNESS AL-ZN ALLOY PRODUCT AND METHOD FOR PRODUCING SUCH PRODUCT	ALERIS ALUMINUM KOBLENZ GMBH	31/08/2007	CHENNAI
7	264117	1463/CHE/2007	06/07/2007		METHOD TO ROUTE INCOMING INFORMATION MESSAGE ON A MOBILE DEVICE TO A DISPLAY DEVICE	SAMSUNG R&D INSTITUTE INDIA-BANGALORE PRIVATE LIMITED	13/02/2009	CHENNAI

8	264118	1738/CHENP/2007	20/10/2005	30/11/2004	A SYSTEM AND A METHOD FOR INKJET IMAGE SUPPORTING MEDIUM	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	31/08/2007	CHENNAI
9	264119	484/CHE/2009	04/03/2009 17:33:21	05/03/2008	FRICTION WELDING METHODS AND FRICTION WELDING APPARATUSES	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI,IZUMI MACHINE MFG. CO., LTD.	11/09/2009	CHENNAI
10	264120	3277/CHENP/2008	28/02/2006	28/02/2006	A PRE-POLYCONDENSATION REACTOR	CHINA TEXTILE INDUSTRIAL ENGINEERING INSTITUTE	06/03/2009	CHENNAI
11	264122	5/CHE/2008	01/01/2008	22/01/2007	METAL HAND TOOL AND METHOD FOR MANUFACTURING THE SAME	JIN XIANG KAI INDUSTRY CO., LTD.	23/03/2012	CHENNAI
12	264123	3464/CHENP/2007	31/01/2006	08/02/2005	SEPARATOR DRUM	GEA MECHANICAL EQUIPMENT GMBH	16/11/2007	CHENNAI
13	264124	175/CHE/2006	03/02/2006	07/02/2005	A METHOD FOR PROVIDING WIRELESS NETWORK FUNCTIONALITY AND A DEVICE THEREOF	JUNIPER NETWORKS, INC.	22/06/2007	CHENNAI
14	264125	465/CHENP/2007	30/06/2005	02/07/2004	A TOOL AND SYSTEM FOR MANIPULATING BONE SEGMENTS HAVING INTERCONNECTED RECESS PORTIONS	SYNTHES GMBH	24/08/2007	CHENNAI
15	264126	1296/CHENP/2007	23/09/2005	29/09/2004	METHOD FOR BREAKING ROCK	SANDVIK MINING AND CONSTRUCTION OY	25/04/2008	CHENNAI
16	264127	1706/CHE/2005	22/11/2005		METHOD FOR PRINTING A GRAPHICAL REPORT OF USAGE INFORMATION	SAMSUNG R&D INSTITUTE INDIA - BANGALORE PRIVATE LIMITED	05/10/2007	CHENNAI
17	264130	838/CHENP/2007	20/09/2005	22/09/2004	METHOD OF DRILLING A LOSSY FORMATION	@BALANCE B V,,@BALANCE B V	24/08/2007	CHENNAI
18	264132	3366/CHENP/2007	23/01/2006	31/01/2005	METHOD OF AUTOMATICALLY SYNCHRONIZING DATA	KONINKLIJKE PHILIPS ELECTRONICS N.V.	27/06/2008	CHENNAI
19	264133	1068/CHE/2004	14/10/2004	20/10/2003	DRILL POWERED CABLE CUTTER	IDEAL INDUSTRIES, INC.	04/03/2005	CHENNAI
20	264134	2943/CHENP/2004	26/06/2003	28/06/2002	METHOD AND APPARATUS FOR LINEARIZATION USING CROSS-MODULATION	QUALCOMM INCORPORATED	17/02/2006	CHENNAI
21	264136	382/CHENP/2008	21/06/2006	23/06/2005	METHOD FOR THE CONTINUOUS PRODUCTION OF AN AMINE	BASF AKTIENGESELLSCHAFT	19/09/2008	CHENNAI

22	264146	1912/CHENP/2007	05/11/2004	05/11/2004	CATHETER FOR VASCULAR ACCESS AND METHOD FOR MANUFACTURING THE SAME	GAMBRO LAUNDIA AB	28/11/2008	CHENNAI
23	264148	5016/CHENP/2008	25/05/2007	26/05/2006	A METHOD AND APPARATUS FOR WIRELESSLY COMMUNICATING DIGITAL DATA AT A HIGH RATE BETWEEN A HOST ENTITY AND A REMOTE USER INTERFACE CLIENT DEVICE	QUALCOMM INCORPORATED	20/03/2009	CHENNAI
24	264149	5005/CHENP/2008	26/02/2003	04/03/2002	A PICTURE DECODING METHOD FOR DECODING A CODED PICTURE	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	20/03/2009	CHENNAI
25	264154	2002/CHENP/2008	07/09/2006	22/09/2005	A PROCESS FOR PREPARING A GRANULAR COMPOSITION COMPRISING NSAID AND PARACETAMOL	RECKITT BENCKISER HEALTHCARE (UK) LIMITED	06/02/2009	CHENNAI
26	264155	2442/CHENP/2008	09/11/2006	18/11/2005	METHOD OF MAKING A LITHOGRAPHIC PRINTING PLATE	AGFA GRAPHICS NV	06/03/2009	CHENNAI
27	264159	2280/CHENP/2007	28/10/2005	29/10/2004	CARBAZOLE DERIVATIVE, SOLVATE AND ITS PHARMACEUTICALLY ACCEPTABLE SALT	ZERIA PHARMACEUTICAL CO., LTD	07/09/2007	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	264083	1507/KOL/2007	02/11/2007		A DEVICE OF INDEPENDENT ROTARY DRIVE (IRD) SYSTEM FOR SKYTOP MODEL MAST & SUBSTRUCTURE	BHARAT HEAVY ELECTRICALS LIMITED	05/06/2009	KOLKATA
2	264084	1248/KOL/2006	20/11/2006	27/01/2006	AN APPARATUS FOR ATTACHING AN EXTENSION HOUSING TO A TRANSMISSION CASE	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	03/04/2009	KOLKATA
3	264086	141/KOLNP/2007	16/06/2005	16/06/2004	METHOD OF OPERATING A SHIPLIFT	ROLLS-ROYCE NAVAL MARINE, INC.	29/06/2007	KOLKATA
4	264087	185/KOL/2008	31/01/2008	06/02/2007	PRESSURE REGULATING VARIABLE DISPLACEMENT VANE PUMP	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	22/08/2008	KOLKATA
5	264096	1401/KOLNP/2007	21/10/2005	21/10/2004	ELECTRICALLY CONDUCTIVE SIZED GLASS STRANDS	SAINT-GOBAIN VETROTEX FRANCE, S.A.	20/07/2007	KOLKATA
6	264097	1012/KOLNP/2009	02/03/2007	29/09/2006	METHOD FOR OPERATING AN INDUSTRIAL SCALE INSTALLATION AND GUIDANCE SYSTEM FOR AN INDUSTRIAL SCALE INSTALLATION	SIEMENS AKTIENGESELLSCHAFT	22/05/2009	KOLKATA
7	264102	2922/KOLNP/2007	02/02/2006	02/02/2005	ADAM-9 MODULATORS	RAVEN BIOTECHNOLOGIES, INC.	14/09/2007	KOLKATA
8	264108	1974/KOLNP/2007	13/07/2005	02/12/2004	HEALD FRAME	PICANOL N.V.,VERBRUGGE N.V.	10/08/2007	KOLKATA
9	264111	2146/KOLNP/2008	21/12/2006	22/12/2005	PYRAZINECARBOXAMIDE DERIVATIVES AND PLANT DISEASE CONTROLLING AGENTS CONTAINING THE SAME	NIHON NOHYAKU CO., LTD.	16/01/2009	KOLKATA
10	264112	2496/KOLNP/2008	13/12/2006	20/12/2005	METHOD FOR THE ESTABLISHMENT OF A CONNECTION IN RADIO COMMUNICATION SYSTEM	NOKIA SIEMENS NETWORKS GMBH & CO.KG.	23/01/2009	KOLKATA
11	264113	802/KOL/2007	24/05/2007		PROCESS FOR THE PRODUCTION OF CHROMIUM METAL NUGGETS FROM CHROMITE ORES OR CHROMITE CONCENTRATES	TATA STEEL LIMITED	03/04/2009	KOLKATA

12	264116	2845/KOLNP/2009	21/02/2008	22/02/2007	METHOD FOR THICKENING AND THICKENING APPARATUS	OUTOTEC OYJ	11/09/2009	KOLKATA
13	264121	3540/KOLNP/2007	28/02/2005	28/02/2005	AN ARRANGEMENT IN A BASE STATION IN A CELLULAR MOBILE TELEPHONY SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON (publ)	31/10/2008	KOLKATA
14	264129	2966/KOLNP/2006	27/08/2003	18/09/2002	METHOD FOR REDUCTION OF ALIASING INTRODUCED BY SPECTRAL ENVELOPE ADJUSTMENT IN REAL-VALUED FILTERBANKS	DOLBY INTERNATIONAL AB	08/06/2007	KOLKATA
15	264131	376/KOLNP/2009	30/06/2008	23/07/2007	VECTOR CODING/DECODING METHOD AND APPARATUS AND STREAM MEDIA PLAYER	HUAWEI TECHNOLOGIES CO., LTD.	08/05/2009	KOLKATA
16	264137	2483/KOLNP/2006	03/03/2005	05/03/2004	METHODS AND SYSTEMS FOR PERFORMING A HANDOVER IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO LTD	25/05/2007	KOLKATA
17	264138	1587/KOL/2007	23/11/2007	29/01/2007	A LATCHED PUMP APPLIED CLUTCH TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	10/04/2009	KOLKATA
18	264139	739/KOL/2008	17/04/2008	10/05/2007	A MULTISPEED TRANSMISSION HAVING EIGHT OR MORE SPEEDS,FOUR PLANETARY GEAR SETS AND A PLURALITY OF TORQUE TRANSMITTING DEVICES	GM GLOBAL TECHNOLOGY OPERATIONS INC.	05/06/2009	KOLKATA
19	264140	734/KOL/2008	17/04/2008	04/06/2007	AN IMPROVED TRANSMISSION PROVIDING MULTIPLE FORWARD SPEED RATIO AND ONE REVERSE SPEED RATIO	GM GLOBAL TECHNOLOGY OPERATIONS INC.	05/06/2009	KOLKATA
20	264142	3179/KOLNP/2008	30/01/2007	07/02/2006	AN APPARATUS FOR MANUFACTURING ACETIC ACID	CELANESE INTERNATIONAL CORPORATION	13/02/2009	KOLKATA
21	264143	276/KOL/2007	23/02/2007	03/05/2006	TORQUE VECTORING DIFFERENTIAL APPARATUS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	16/11/2007	KOLKATA
22	264144	585/KOL/2008	24/03/2008	02/04/2007	EIGHT SPEED AUTOMATIC TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
23	264151	3081/KOLNP/2008	19/01/2007	19/01/2006	AN APPARATUS FOR PROCESSING TRAFFIC INFORMATION	LG ELECTRONICS INC.	06/02/2009	KOLKATA
24	264152	4674/KOLNP/2008	05/04/2007	25/04/2006	ANTIOXIDANTS	MERCK PATENT GMBH	13/03/2009	KOLKATA

25	264158	3539/KOLNP/2007	24/02/2006	28/02/2005	METHOD AND ARRANGEMENT FOR REDUCING THE RADAR CROSS SECTION OF INTEGRATED ANTENNA	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	31/10/2008	KOLKATA
26	264160	3285/KOLNP/2008	31/01/2007	18/02/2006	CREEP-RESISTANT FERRITIC STEEL	FORSCHUNGSZENTRUM JLICH GMBH	13/02/2009	KOLKATA
27	264161	2519/KOLNP/2007	16/12/2005	16/12/2004	USER CONTROLLED TRANSMIT POWER CONTROL DURING HANDOVER IN A CDMA SYSTEM	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	03/04/2009	KOLKATA
28	264162	4890/KOLNP/2007	28/04/2006	17/06/2005	METHOD FOR COAL DRYING OF AIR-CONTAINING WATER VAPOUR	ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP	04/07/2008	KOLKATA
29	264163	199/KOL/2008	04/02/2008	12/02/2007	A METHOD OF PERFORMING A REGENERATION PROCESS WITHIN AN EXHAUST SYSTEM	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	22/08/2008	KOLKATA
30	264165	180/KOL/2008	30/01/2008	08/02/2007	MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	22/08/2008	KOLKATA
31	264166	3216/KOLNP/2008	12/01/2007	12/01/2006	NANOPARTICLE COMPOSITIONS AND METHODS FOR MAKING AND USING THE SAME	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS	13/02/2009	KOLKATA
32	264167	140/KOL/2005	04/03/2005		AN EQUIPMENT FOR MEASUREMENT OF COKE REACTIVITY INDEX (CRI) AND COKE STRENGTH AFTER REACTION (CSR) VALUES OF COKE SAMPLE AND A METHOD THEREOF	STEEL AUTHORITY OF INDIA LIMITED	26/01/2007	KOLKATA
33	264169	IN/PCT/2001/268/KOL	08/07/2000	08/07/1999	DEVICE AND METHOD FOR CONTROLLING A DEMULTIPLEXER AND A MULTIPLEXER AND A MULTIPLEXER IN MOBILE COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO. LTD	13/08/2010	KOLKATA
34	264170	4302/KOLNP/2007	28/04/2006	06/05/2005	METHOD OF REPLACING MATCH PLATE IN MOLDING APPARATUS FOR COPE AND DRAG WITHOUT FLASK	SINTOKOGIO, LTD.	06/06/2008	KOLKATA
35	264171	109/KOL/2006	07/02/2006		METHOD OF MEASUREMENT OF RESIDUAL STRESS	STEEL AUTHORITY OF INDIA LIMITED	31/08/2007	KOLKATA
36	264172	902/KOL/2008	19/05/2008	29/06/2007	A HUB AND SHAFT ATTACHMENT ASSEMBLY	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA

37	264173	642/KOL/2008	31/03/2008	04/04/2007	A SYSTEM AND A METHOD TO REGULATE TORQUE IN A HYBRID POWERTRAIN	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	08/05/2009	KOLKATA
38	264174	34/KOLNP/2007	30/06/2005	30/06/2004	A MAGNETIC PROPULSION MOTOR GENERATING POWER BY ROTATING MOTION MAGNETS THROUGH MAGNETIC ACCELERATION FIELDS CREATED BY PUSH MAGNETS	FUTURE FORCE, LLC.	29/06/2007	KOLKATA
39	264175	943/KOL/2006	19/09/2006	31/10/2005	A POWER SPLIT ELECTRICALLY VARIABLE TRANSMISSION WITH DIFFERENTIAL GEARING WITHOUT TRANSMITTING ALL POWER THROUGH VARIABLE ELEMENTS	GM GLOBAL TECHNOLOGY OPERATION INC	29/06/2007	KOLKATA
40	264176	1149/KOL/2007	20/08/2007	25/01/2007	MULTI-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC	15/08/2008	KOLKATA
41	264177	3704/KOLNP/2008	14/02/2007	14/02/2006	METHOD FOR PILOT TRANSMISSION IN A WIRELESS COMMUNICATION TERMINAL AND METHOD FOR ASSIGNING PILOT TRANSMISSION CONFIGURATION	MOTOROLA MOBILITY, INC.	20/02/2009	KOLKATA
42	264178	1481/KOLNP/2007	30/09/2005	30/09/2004	A COMPOSITION,AN ENCAPSULATED SWEETENER COMPOSITION AND METHOD OF PREPARATION THEREOF	INTERCONTINENTAL GREAT BRANDS LLC,	20/07/2007	KOLKATA

CONTINUED TO PART-3

CONTINUED FROM PART- 2

INTRODUCTION

In view of the recent amendment made in the Designs (Amendment) Rules, 2008 with effect from 17/06/2008, Publication of the matter relating to Designs is being published in the Official Journal of The Patent Office. This Journal is being published on weekly basis on every Friday covering the various proceedings on Designs as required according to the provisions of under Rule 22, 25, 27 and 39 of the Design (Amendment) Rules, 2008. All the enquiries on this Official Journal and other information as required by the public should be addressed to the Controller General of Patents, Designs & Trade Marks. Suggestions and comments are requested from all quarters so that the content can be enriched.

THE DESIGNS ACT 2000
(SECTION 30)
DESIGN ASSIGNMENT

The Design stands in the name of G. M. PENS INTERNATIONAL PRIVATE LIMITED registered under the Designs Act, 2000 has been assigned in the Register of Designs in the name as follows:-

Design No.	Class	Name
183329 **183330** **183331**	**03**	**LUXEMBOURG BRANDS S.A.R.L, A COMPANY ORGANIZED AND EXISTING UNDER THE LAW OF LUXEMBOURG, HAVING ITS PLACE OF BUSINESS AT 412F, ROUTE D'ESCH, LUXEMBOURG L-2086, LUXEMBOURG**

COPYRIGHT PUBLICATION

SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	197685	04.12.2014
2.	197686	04.12.2014
3.	231816	14.11.2014
4.	231814	14.11.2014
5.	236198	14.11.2014
6.	236199	14.11.2014
7.	235792	14.11.2014
8.	192257	24.11.2014
9.	202804	14.11.2014
10.	214190	14.11.2014
11.	214191	14.11.2014
12.	226993	14.11.2014
13.	229537	14.11.2014
14.	229538	14.11.2014
15.	197405	15.09.2014

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	259318
CLASS	12-15
1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, A FRENCH COMPANY OF 12 COURS SABLON, F-63000, CLERMONT-FERRAND, FRANCE, AND MICHELIN RECHERCHE ET TECHNIQUE S.A., A SWISS COMPANY OF ROUTE LOUIS BRAILLE 10, CH-1763, GRANGES-PACCOT, SWITZERLAND	
DATE OF REGISTRATION	10/01/2014
TITLE	TIRE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002274001-0001	15/07/2013	OHIM



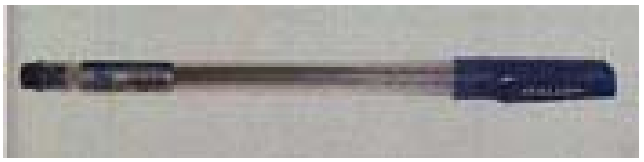
DESIGN NUMBER	259406
CLASS	09-01
1)NIRMAL C. RATHOD, AN INDIAN NATIONAL, 2/13, UNNAT NAGAR NO. 2, OPP. NEW INDIA CO-OP. BANK LTD., M.G. ROAD, GOREGAON (W), MUMBAI-400062, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	15/01/2014
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	259569
CLASS	06-04
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	22/01/2014
TITLE	CABINET FOR STORAGE OF PAINTINGS WITH GUIDED RAILS
PRIORITY NA	



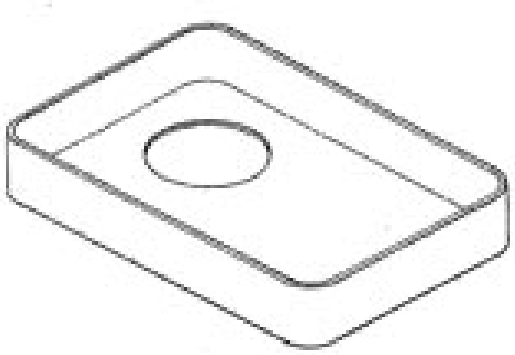
DESIGN NUMBER	253257
CLASS	19-06
1)ANCHOR ENTERPRISES PVT. LTD INNOVA 'C' WING, MARATHON NEXTGEN, OFF.G.K.MARG, LOWER PAREL (W), MUMBAI-400013 STATE OF MAHARASHTRA INDIA, / A PRIVATE LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT., ABOVE ADDRESS	
DATE OF REGISTRATION	19/04/2013
TITLE	BALL POINT PEN
PRIORITY NA	



DESIGN NUMBER	258614
CLASS	06-04
1)HERMAN MILLER, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF MICHIGAN, UNITED STATES OF AMERICA, OF MS 0440, 855 EAST MAIN AVENUE, P.O. BOX 302, ZEELAND, MICHIGAN 49464-0302, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	06/12/2013
TITLE	STORAGE FURNITURE

PRIORITY

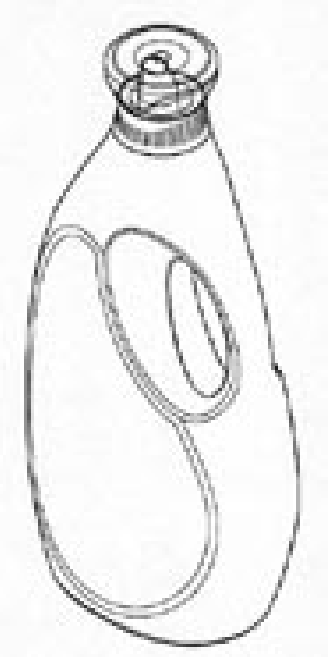
PRIORITY NUMBER	DATE	COUNTRY
29/457,260	07/06/2013	U.S.A.



DESIGN NUMBER	260875
CLASS	09-01
1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	10/03/2014
TITLE	BOTTLE WITH DOSING CAP

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
761416301	12/09/2013	WIPO



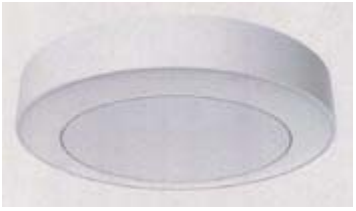
DESIGN NUMBER	261415
CLASS	09-03
1)M/S. FIZZY FOODLABS PVT LTD. IS A PRIVATE LIMITED COMPANY OF C-24/402, GOLDS GREEN, YAMUNA NAGAR, LOKHANDW-ALA, ANDHERI (W), MUMBAI-400053, MAHARASTHRA INDIA	
DATE OF REGISTRATION	01/04/2014
TITLE	PACKING
PRIORITY NA	



DESIGN NUMBER	262067
CLASS	05-05
1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	25/04/2014
TITLE	TEXTILE FABRIC
PRIORITY NA	



DESIGN NUMBER	260041
CLASS	26-05
1)HAVELLS INDIA LIMITED HAVING REGISTERED OFFICE AT 1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054	
DATE OF REGISTRATION	03/02/2014
TITLE	DOWN LIGHTER
PRIORITY NA	



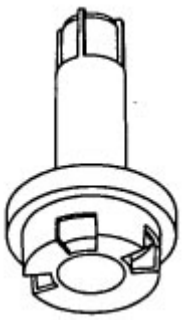
DESIGN NUMBER	260091
CLASS	13-03
1)AJANTA PRIVATE LIMITED, AN INDIAN COMPANY OF ORPAT INDUSTRIAL ESTATE, RAJKOT-MORBI HIGHWAY, MORBI 363641, STATE OF GUJARAT, INDIA	
DATE OF REGISTRATION	03/02/2014
TITLE	TV SOCKET
PRIORITY NA	



DESIGN NUMBER	259413
CLASS	24-01
1)SYSMEX CORPORATION, OF 5-1, WAKINOHAMA-KAIGANDORI 1-CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-0073, JAPAN, A JAPANESE COMPANY	
DATE OF REGISTRATION	15/01/2014
TITLE	CONTAINER FOR MEDICAL ANALYZER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-016863	24/07/2013	JAPAN



DESIGN NUMBER	262571
CLASS	02-04
1)ABHAY FOOTWEAR PVT. LTD., K. NO.-76, OPP.-1535, M.I.E., PART-B, BAHADURGARH, HARYANA, INDIA. (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)	
DATE OF REGISTRATION	13/05/2014
TITLE	FOOTWEAR
PRIORITY NA	



DESIGN NUMBER	258473
CLASS	06-13
1)ARUNA MALHOTRA AN NATIONAL OF UK, WHOSE ADDRESS IS AT CLIFFE LODGE SELBY ROAD, GARFORTH CLIFF LEEDS LS25 2AQ LEEDS, WEST YORKSHIRE, UNITED KINGDOM	
DATE OF REGISTRATION	29/11/2013
TITLE	DUVET COVER
PRIORITY NA	



DESIGN NUMBER	259654
CLASS	12-11
1)VEGA AUTO ACCESSORIES PVT LTD., REPRESENTED BY ITS MANAGING DIRECTOR MR. DILIP CHANDAK., HAVING OFFICE AT: NO. 543, VITHALDEV LANE, SHAHAPUR, BELGAUM-590003., NATIONALITY: INDIAN	
DATE OF REGISTRATION	24/01/2014
TITLE	LUGGAGE CARRIER FOR MOTOR CYCLES
PRIORITY NA	



DESIGN NUMBER	260755
CLASS	24-01
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	03/03/2014
TITLE	MEDICAL MONITOR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002301796-0001	03/09/2013	OHIM



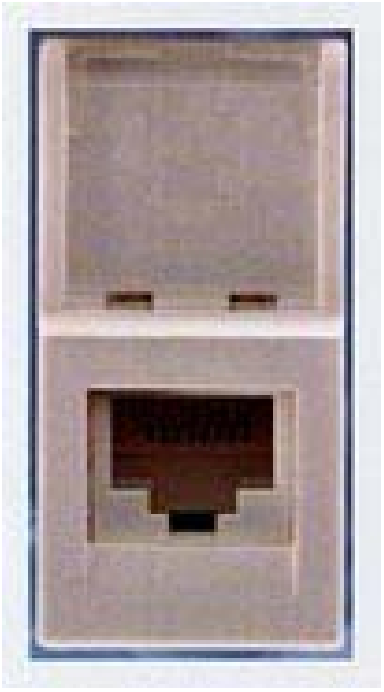
DESIGN NUMBER	261952
CLASS	23-04
1)M/S. ORIENT ELECTRICALS (A DIVISION OF ORIENT PAPER & INDUSTRIES LTD.), 11, INDUSTRIAL ESTATE, SECTOR-6, FARIDABAD, HARYANA-121006	
DATE OF REGISTRATION	23/04/2014
TITLE	CEILING FAN
PRIORITY NA	



DESIGN NUMBER	260043
CLASS	26-05
1)HAVELLS INDIA LIMITED HAVING REGISTERED OFFICE AT 1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054	
DATE OF REGISTRATION	03/02/2014
TITLE	LIGHTING FIXTURE
PRIORITY NA	



DESIGN NUMBER	260095
CLASS	13-03
1)AJANTA PRIVATE LIMITED, AN INDIAN COMPANY OF ORPAT INDUSTRIAL ESTATE, RAJKOT-MORBI HIGHWAY, MORBI 363641, STATE OF GUJARAT, INDIA	
DATE OF REGISTRATION	03/02/2014
TITLE	INTERNET SOCKET
PRIORITY NA	



DESIGN NUMBER	263007
CLASS	23-03
1)FERROLI HEATING (SOUTH ASIA) PVT. LTD., (A COMPANY ORGANIZED AND EXISTING UNDER THE INDIAN COMPANIES ACT, 1956) OF THE ADDRESS TARGET ASSOCIATES PRIVATE LTD, 148, EPIP 2ND PHASE, PRESTIGE FEATHERLITE TECHPARK, WHITEFIELD, BANGALORE, KARNATAKA-560066, INDIA	
DATE OF REGISTRATION	30/05/2014
TITLE	ELECTRIC WATER HEATER
PRIORITY NA	



DESIGN NUMBER	258475
CLASS	06-13
1)ARUNA MALHOTRA AN NATIONAL OF UK, WHOSE ADDRESS IS AT CLIFFE LODGE SELBY ROAD, GARFORTH CLIFF LEEDS LS25 2AQ LEEDS, WEST YORKSHIRE, UNITED KINGDOM	
DATE OF REGISTRATION	29/11/2013
TITLE	DUVET COVER
PRIORITY NA	



DESIGN NUMBER	259803
CLASS	13-03
1)ORANGE EXIM PVT. LTD., INDIAN (A CORPORATE ENTITY INCORPORATED IN INDIA UNDER THE COMPANIES ACT, 1956) HAVING PRINCIPAL PLACE OF BUSINESS AT 106, 1ST FLOOR, FOUR PLUS COMPLEX, OPP. VIKAS MEDICAL STORE, ASTRON CHOWK, SARDARNAGAR MAIN ROAD, RAJKOT, GUJARAT, INDIA AND HAVING DIRECTORS (1) RAJESHBHAI MANUBHAI GONDALIYA, RESIDING AT ''SHREEJI KRUPA'' 49-MAHEKAM DUPLEX, STREET NO. 1, OPP. LIJJAT PAPAD, 150 FEET RING ROAD, GANDHIGRAM, RAJKOT, GUJARAT, INDIA, (2) ASHOKBHAI MANUBHAI GONDALIYA RESIDING AT ''SHREEJI KRUPA'' 49-MAHEKAM DUPLEX, STREET NO. 1, OPP, LIJJAT PAPAD, 150 FEET RING ROAD, GANDHIGRAM, RAJKOT, GUJARAT, INDIA (3) PRAFULBHAI MANUBHAI GONDALIYA, RESIDING AT ''SHREEJI KRUPA'' 49-MAHEKAM DUPLEX, STREET NO. 1, OPP. LIJJAT PAPAD, 150 FEET RING ROAD, GANDHIGRAM, RAJKOT, GUJARAT, INDIA, ALL INDIAN NATIONALS	
DATE OF REGISTRATION	29/01/2014
TITLE	SWITCH BOX FOR CONTROL PANELS
PRIORITY NA	



DESIGN NUMBER	263008
CLASS	23-03
1)FERROLI HEATING (SOUTH ASIA) PVT. LTD., (A COMPANY ORGANIZED AND EXISTING UNDER THE INDIAN COMPANIES ACT, 1956) OF THE ADDRESS TARGET ASSOCIATES PRIVATE LTD, 148, EPIP 2ND PHASE, PRESTIGE FEATHERLITE TECHPARK, WHITEFIELD, BANGALORE, KARNATAKA-560066, INDIA	
DATE OF REGISTRATION	30/05/2014
TITLE	ELECTRIC WATER HEATER
PRIORITY NA	



DESIGN NUMBER	257900
CLASS	10-05
1)DAYAL CHAND TRADING AS M/S. SIGMA REFRIGERATION WORKS, 3745, SHOP NO. 1 & 7, KUCHA PARMANAND, NETAJI SUBHASH MARG, DARYA GANJ, NEW DELHI-110002, INDIA (A SOLE PROPRIETORSHIP FIRM)	
DATE OF REGISTRATION	31/10/2013
TITLE	PRESSURE CONTROL SWITCH FOR REFRIGERANT SYSTEMS
PRIORITY NA	



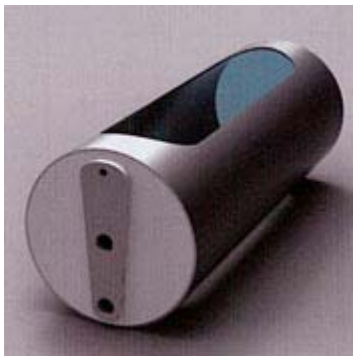
DESIGN NUMBER	258388
CLASS	15-07
1)DAYAL CHAND TRADING AS M/S. SIGMA REFRIGERATION WORKS, 3745, SHOP NO. 1 & 7, KUCHA PARMANAND, NETAJI SUBHASH MARG, DARYA GANJ, NEW DELHI-110002, INDIA (A SOLE PROPRIETORSHIP FIRM)	
DATE OF REGISTRATION	26/11/2013
TITLE	REFRIGERANT FILTER DRIER SHELL
PRIORITY NA	



DESIGN NUMBER	259672
CLASS	23-01
1)ORBITAL SYSTEMS AB, A SWEDISH COMPANY, OF BISPGATAN 78 216 22 LIMHAMN, SWEDEN	
DATE OF REGISTRATION	24/01/2014
TITLE	SOCKET FOR WATER FILTER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002285288-0002	01/08/2013	OHIM



DESIGN NUMBER	260341
CLASS	02-04
1)M/S BANIK RUBBER INDUSTRIES (INDIA) PRIVATE LIMITED (A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956) OF AJANTA HOUSE 79/2 A.J.C. BOSE ROAD, KOLKATA-700014, WEST BENGAL, INDIA	
DATE OF REGISTRATION	14/02/2014
TITLE	FOOTWEAR
PRIORITY NA	



DESIGN NUMBER	257252
CLASS	12-16
1)VOLVO LASTVAGNAR AB, OF SE 405 08 GÖTEBORG, SWEDEN	
DATE OF REGISTRATION	08/10/2013
TITLE	LID FOR VEHICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002219360-0008	12/04/2013	OHIM



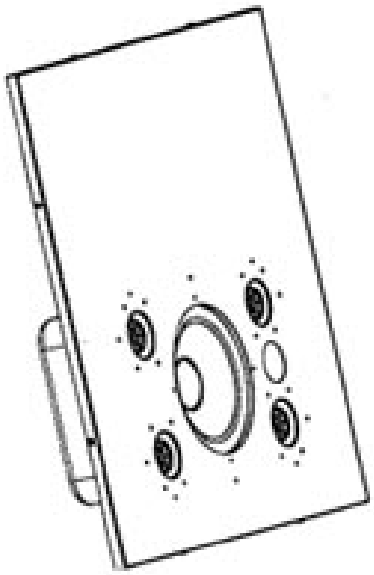
DESIGN NUMBER	261086
CLASS	09-01
1)JIGNA H. DEDHIA INDIAN NATIONALS TRADING IN THE NAME AND STYLE OF J. D. MARKETING CO. (A PROPRIETORSHIP CONCERN) WHOSE ADDRESS IS ANNAPURNA BLDG., SHOP NO. 6, LIBERTY GARDEN ROAD, NO. 2, SOMWARI BAZAR MALAD (W) MUMBAI-400064	
DATE OF REGISTRATION	19/03/2014
TITLE	BOTTLE
PRIORITY NA	



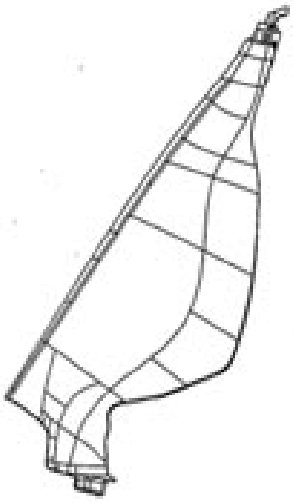
DESIGN NUMBER	246612
CLASS	14-01
1)KRAMER ELECTRONICS LIMITED, AN ISRAELI COMPANY, HAVING ADDRESS AT, 3 AM VEOLAMO STREET, P.O. BOX 34499, ISRAEL	
DATE OF REGISTRATION	19/07/2012
TITLE	LOUDSPEAKER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
52091	19/01/2012	ISRAEL



DESIGN NUMBER	260005
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 ARC TRIM OF A VEHICLE
PRIORITY NA	



DESIGN NUMBER	258386
CLASS	15-07
1)DAYAL CHAND TRADING AS M/S. SIGMA REFRIGERATION WORKS, 3745, SHOP NO. 1 & 7, KUCHA PARMANAND, NETAJI SUBHASH MARG, DARYA GANJ, NEW DELHI-110002, INDIA (A SOLE PROPRIETORSHIP FIRM)	
DATE OF REGISTRATION	26/11/2013
TITLE	REFRIGERANT LIQUID LINE FILTER DRIER
PRIORITY NA	



DESIGN NUMBER	258487
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	REAR BUMPER FOR AUTOMOBILE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-012371	03/06/2013	JAPAN



DESIGN NUMBER	262241
CLASS	05-05
1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/05/2014
TITLE	TEXTILE FABRIC
PRIORITY NA	



DESIGN NUMBER	262402
CLASS	10-02
1)LUXURY GOODS INTERNATIONAL (L.G.I.) SA, A LIMITED COMPANY INCORPORATED UNDER THE LAWS OF SWITZERLAND OF CH. DES ROCHETTES 2, 2016 CORTAILLOD, SWITZERLAND	
DATE OF REGISTRATION	07/05/2014
TITLE	WRISTWATCH

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
140299	10/12/2013	SWITZERLAND



DESIGN NUMBER	263015
CLASS	15-05
1)SAMSUNG ELECTRONICS CO., LTD. 129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA	
DATE OF REGISTRATION	30/05/2014
TITLE	WASHING MACHINE

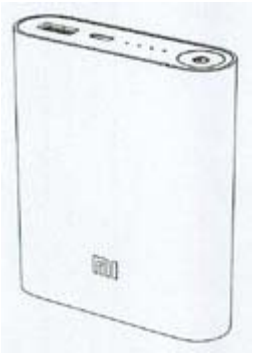
PRIORITY NA



DESIGN NUMBER	262964
CLASS	13-03
1)XIAOMI INC. OF FLOOR 13, RAINBOW CITY SHOPPING MALL II OF CHINA RESOURCES, NO. 68, QINGHE MIDDLE STREET, HAIDIAN DISTRICT, BEIJING 100085, P.R. CHINA	
DATE OF REGISTRATION	29/05/2014
TITLE	MOBILE POWER SOURCE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201330598473.2	04/12/2013	CHINA



DESIGN NUMBER	261571
CLASS	12-11
1)TUBE INVESTMENTS OF INDIA LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT OF 1913, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT "DARE HOUSE , 234, N. S. C. BOSE ROAD, CHENNAI - 600001, STATE OF TAMIL NADU, INDIA	
DATE OF REGISTRATION	07/04/2014
TITLE	BASKET FOR BICYCLE
PRIORITY NA	



DESIGN NUMBER	260345
CLASS	10-02
1)I. AM. SYMBOLIC, LLC A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS OFFICE AT 450 NORTH ROXBURY DRIVE, 8TH FLOOR, BEVERLY HILLS, CALIFORNIA 90210, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	14/02/2014
TITLE	MULTI-MEDIA WIRELESS WATCH
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/464,381	15/08/2013	U.S.A.



DESIGN NUMBER	261768
CLASS	28-99
1)EDWARD PLAST INDIA, A-8/1, EMARTI BLOCK, GANGA RAM VATIKA, NEW DELHI-110018, AN INDIAN PROPRIETORSHIP FIRM, WHOSE PROPRIETOR IS AMARJEET SINGH GUJARAL, OF ABOVE ADDRESS, AN INDIAN NATIONAL	
DATE OF REGISTRATION	16/04/2014
TITLE	CAR PERFUME CASE
PRIORITY NA	



DESIGN NUMBER	255611
CLASS	12-08

1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION,
OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, JAPAN

DATE OF REGISTRATION	02/08/2013
TITLE	AUTOMOBILE



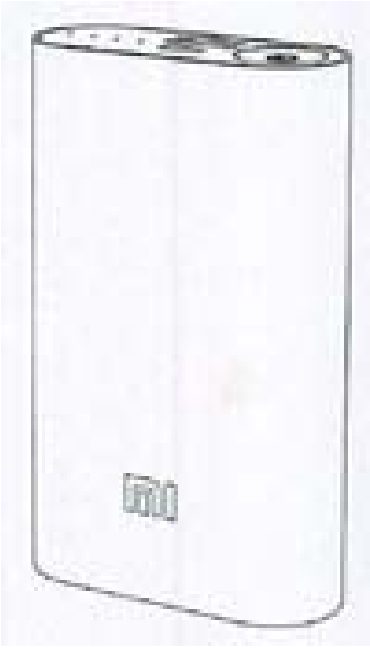
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-002193	05/02/2013	JAPAN

DESIGN NUMBER	262965
CLASS	13-03

1)XIAOMI INC. OF
FLOOR 13, RAINBOW CITY SHOPPING MALL II OF CHINA RESOURCES, NO. 68, QINGHE MIDDLE STREET, HAIDIAN DISTRICT, BEIJING 100085, P.R. CHINA

DATE OF REGISTRATION	29/05/2014
TITLE	MOBILE POWER SOURCE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201330598473.2	04/12/2013	CHINA

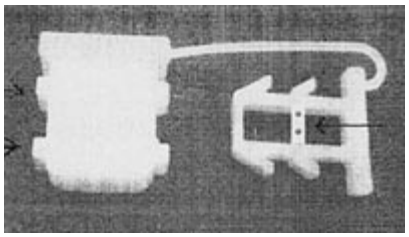
DESIGN NUMBER	259450
CLASS	12-16

1)JAY USHIN LTD.,
NATIONALITY INDIAN PLOT NO. 282, PHASE-6, SECTOR 37, GURGAON, 122001, HARYANA, INDIA

DATE OF REGISTRATION	17/01/2014
TITLE	CAP ASSEMBLY FUEL FILLER



PRIORITY NA

DESIGN NUMBER	258944	
CLASS	08-07	
1)MR. SHAILENDRA PATNI, INDIAN NATIONAL OF C/202, YAMNOTRI, MAHAVIR NAGAR, DHANUKARWADI, MAHARSHTRA, MUMBAI-400067		
DATE OF REGISTRATION	24/12/2013	
TITLE	SEAL	
PRIORITY NA		
DESIGN NUMBER	260142	
CLASS	08-06	
1)ANKUSHBHAI MANSUKHBHAI SANGANI., AN INDIAN NATIONAL SOLE PROPRIETOR OF M/S. SUVARNA TECHNOCAST., AN INDIAN PROPRIETORSHIP FIRM., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, 7, PARSANA SOCIETY, 50 FEET ROAD, RAJKOT, GUJARAT-INDIA		
DATE OF REGISTRATION	05/02/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	260244	
CLASS	19-06	
1)UNITEC, AN INDIAN PARTNERSHIP FIRM AT G-6, SAI KRUPA INDUSTRIAL ESTATE, SOMNATH, DABHEL, DAMAN NANI DAMAN-396210. (INDIA) WHOSE PARTNERS ARE 1) SUDHA PRITHVIRAJ 2)DIVYA PRABHAKAR 3) SIVADAS ALL INDIAN OF ABOVE ADDRESS		
DATE OF REGISTRATION	10/02/2014	
TITLE	PEN	
PRIORITY NA		

DESIGN NUMBER	261909
CLASS	09-02
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	22/04/2014
TITLE	MANHOLE
PRIORITY NA	



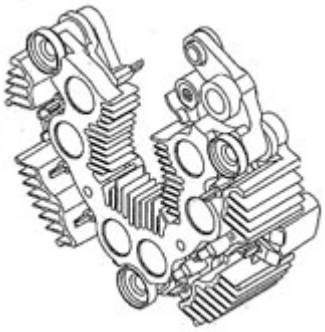
DESIGN NUMBER	261359
CLASS	07-01
1)MITESH VAKHARIA, INDIAN NATIONALS, PROPRIETOR OF M/S. AVISHKAR INDUSTRIES, C/9 SAI UDHYOG NAGAR, GODDEV FATAK ROAD, PANCHAL, NEAR GAS GODOWN, BHYANDER (EAST), PIN: 401105. DIST.: THANE. MAHARASHTRA (INDIA) ALL INDIAN OF ABOVE	
DATE OF REGISTRATION	28/03/2014
TITLE	JUG
PRIORITY NA	



DESIGN NUMBER	259877
CLASS	12-16
1)MITSUBISHI ELECTRIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURERS AND MERCHANTS, OF THE ADDRESS 7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310, JAPAN	
DATE OF REGISTRATION	31/01/2014
TITLE	RECTIFIER OF AC GENERATOR FOR VEHICLES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-020309	03/09/2013	JAPAN



DESIGN NUMBER	259451	
CLASS	12-16	
1)JAY USHIN LTD., NATIONALITY INDIAN PLOT NO. 282, PHASE-6, SECTOR 37, GURGAON, 122001, HARYANA, INDIA		
DATE OF REGISTRATION	17/01/2014	
TITLE	CAP ASSEMBLY FUEL FILLER	
PRIORITY NA		
DESIGN NUMBER	262582	
CLASS	09-04	
1)MAYURBHAI CHANDULAL DONGA AN INDIAN NATIONAL SOLE PROPRIETOR OF KELWIN INDUSTRIES AN INDIAN PROPRIETORSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT SHED NO. 2, PLOT NO. 52, SOMNATH IND. AREA, OPP. KRISHNA PARK, KOTHARIYA, RAJKOT-360004, GUJARAT-INDIA		
DATE OF REGISTRATION	13/05/2014	
TITLE	KITCHEN BASKET	
PRIORITY NA		
DESIGN NUMBER	258956	
CLASS	08-06	
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		
DATE OF REGISTRATION	24/12/2013	
TITLE	KNOB	
PRIORITY NA		

DESIGN NUMBER	257345
CLASS	08-09
1)SHIVA STEEL INDUSTRIES, OF THE ADDRESS C-12, SITE C, SURAJPUR INDUSTRIAL AREA, GREATER NOIDA	
DATE OF REGISTRATION	09/10/2013
TITLE	RAILS FOR WIREMESH SHUTTER
PRIORITY NA	



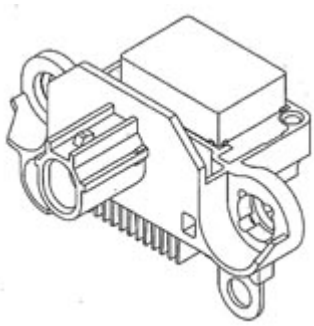
DESIGN NUMBER	262245
CLASS	05-05
1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/05/2014
TITLE	TEXTILE FABRIC
PRIORITY NA	



DESIGN NUMBER	261280
CLASS	10-03
1)RAVI CHADHA, AN INDIAN NATIONAL OF 14 UA JAWAHAR NAGAR, DELHI-110007	
DATE OF REGISTRATION	27/03/2014
TITLE	TIMER
PRIORITY NA	



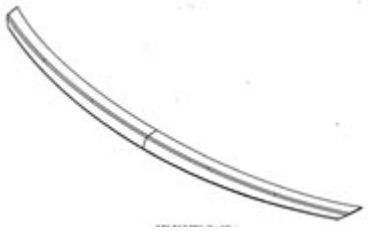
DESIGN NUMBER	259878
CLASS	13-01
1)MITSUBISHI ELECTRIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, MANUFACTURERS AND MERCHANTS, OF THE ADDRESS 7-3, MARUNOUCHI 2-CHOME, CHIYODA-KU, TOKYO 100-8310, JAPAN	
DATE OF REGISTRATION	31/01/2014
TITLE	VOLTAGE REGULATOR OF AC GENERATOR FOR VEHICLES



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-020310	03/09/2013	JAPAN

DESIGN NUMBER	260016
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	FRONT GRILLE EMBLISHER OF A VEHICLE
PRIORITY NA	



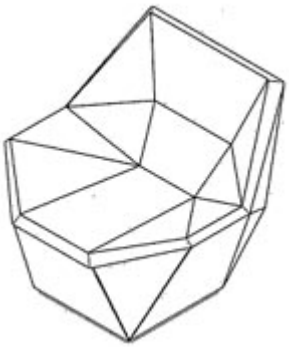
DESIGN NUMBER	258037
CLASS	18-99
1)PRATICHHAYA PVT. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS ADDRESS AT 227, SUKHDEV VIHAR, NEW DELHI-110025, INDIA	
DATE OF REGISTRATION	07/11/2013
TITLE	WEB-LINE STACKER
PRIORITY NA	



DESIGN NUMBER	258414
CLASS	06-01
1)KNOLL, INC., A DELAWARE CORPORATION, OF 1235 WATER STREET, EAST GREENVILLE, PENNSYLVANIA 18041, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	27/11/2013
TITLE	CHAIR

PRIORITY

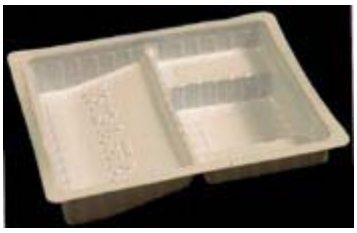
PRIORITY NUMBER	DATE	COUNTRY
29/456,630	31/05/2013	U.S.A.



DESIGN NUMBER	261519
CLASS	12-09
1)MAHINDRA & MAHINDRA LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913 WHOSE ADDRESS IS GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400 001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	03/04/2014
TITLE	TRACTOR CAB
PRIORITY NA	



DESIGN NUMBER	261873
CLASS	09-03
1)M/S. KARACHI BAKERY INDIA, AN INDIAN A PARTNERSHIP FIRM WHOSE IS PARTNERS 1. SHRI. RAJESH RAMNANI S/O (LATE) SHRI. NARAYANDAS, 2. SHRI. HARISH RAMNANI S/O SHRI. HASSARAM RAMNANI, 3. SHRI VIJAY RAMNANI S/O SHRI NARAYANDAS RAMNANI INDIAN NATIONALS, HAVING OUR OFFICE AT #6-3-190/1,KARACHI BAKERY OFFICE, 1ST FLOOR, 101 & 102 & 104, KHANCHAND TOWERS, ROAD NO. 01, BANJARA HILLS, OPP: TAG BANJARA, HYDERABAD-500 034, ANDHRA PRADESH, INDIA	
DATE OF REGISTRATION	21/04/2014
TITLE	PACKAGING
PRIORITY NA	



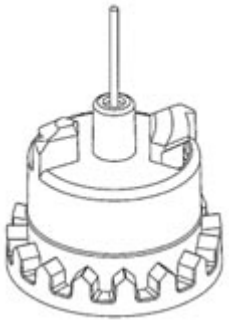
DESIGN NUMBER	261034
CLASS	06-13
1)FEM EXPORTS., (AN INDIAN SOLE PROPRIETORSHIP CONCERN), HAVING OFFICE AT 89/90, LEVEL 1, DEWAN CENTRE, 186, S. V. ROAD, JOGESHWARI (WEST), MUMBAI-400102. MAHARASHTRA, INDIA WHOSE PROPRIETOR IS ISHAK EBRAHIM BAMBOOWALA. (INDIAN NATIONAL) OF ABOVE ADDRESS	
DATE OF REGISTRATION	18/03/2014
TITLE	TOWEL
PRIORITY NA	



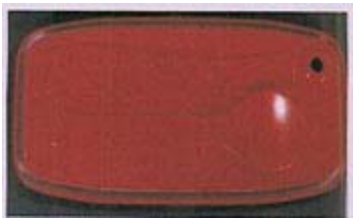
DESIGN NUMBER	261098
CLASS	24-02
1)HTL-STREFA SPÓLKA AKCYJNA, ADAMÓWEK 7, PL 95-035 OZORKÓW, POLAND, NATIONALITY-POLAND	
DATE OF REGISTRATION	19/03/2014
TITLE	HUB OF MEDICAL NEEDLE

PRIORITY

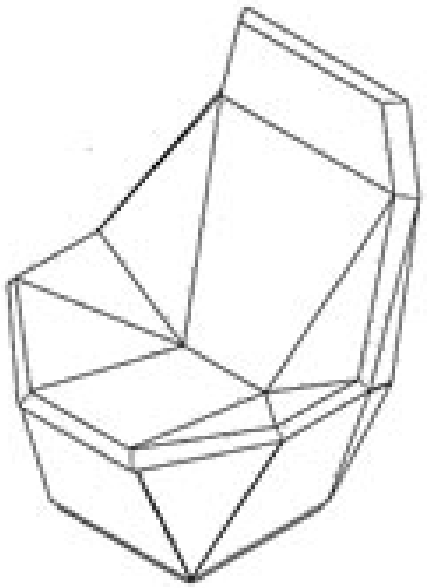
PRIORITY NUMBER	DATE	COUNTRY
002335141-0003	29/10/2013	OHIM



DESIGN NUMBER	257652
CLASS	07-02
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 LID WITH SPOON & FORK
PRIORITY NA	



DESIGN NUMBER	258416
CLASS	06-01
1)KNOLL, INC., A DELAWARE CORPORATION, OF 1235 WATER STREET, EAST GREENVILLE, PENNSYLVANIA 18041, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	27/11/2013
TITLE	CHAIR



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/456,631	31/05/2013	U.S.A.

DESIGN NUMBER	262286
CLASS	07-01
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	02/05/2014
TITLE	BUTTER DISH COVER



PRIORITY NA

DESIGN NUMBER	260784
CLASS	15-09
1)ENDICO POWER TOOLS, AN INDIAN COMPANY, OF 1276/1, ST NO. 3, SHIMLAPURI, LUDHIANA-141003, PUNJAB, INDIA	
DATE OF REGISTRATION	04/03/2014
TITLE	BASE PLATE OF ROUTER MACHINES



PRIORITY NA

DESIGN NUMBER	261295
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 VASAHAT OPP. POLYVASTRA B/H. BALAJI WAFERS, RAJKOT-3, GUJARAT-INDIA.	
DATE OF REGISTRATION	27/03/2014
TITLE	HANDLE
PRIORITY NA	



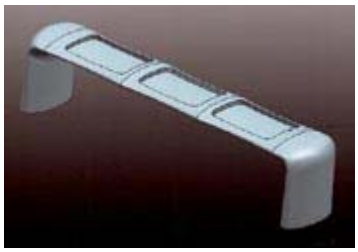
DESIGN NUMBER	261039
CLASS	08-09
1)GODREJ & BOYCE MFG. CO. LTD. OF LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	18/03/2014
TITLE	LOCK ROSETTE
PRIORITY NA	



DESIGN NUMBER	260021
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	LAMP OF A VEHICLE
PRIORITY NA	



DESIGN NUMBER	257655
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	22/10/2013
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	259601
CLASS	03-01
1)GOLDEN VAST MACAO COMMERCIAL OFFSHORE LIMITED, AVENIDA DA PRAIA GRANDE NO 401-415, EDIF, CHINA LAW, 15 ANDAR, B, MACAU, NATIONALITY:- CHINESE, LEGAL STATUS: COMPANY INCORPORATED IN CHINA	
DATE OF REGISTRATION	23/01/2014
TITLE	MOBILE PHONE CASE

PRIORITY

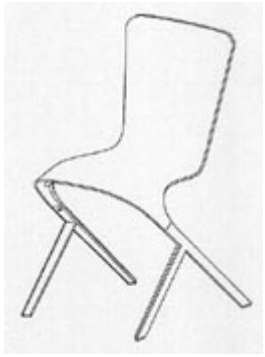
PRIORITY NUMBER	DATE	COUNTRY
201430016576.8	21/01/2014	CHINA



DESIGN NUMBER	258415
CLASS	06-01
1)KNOLL, INC., A DELAWARE CORPORATION, OF 1235 WATER STREET, EAST GREENVILLE, PENNSYLVANIA 18041, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	27/11/2013
TITLE	CHAIR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/456,635	31/05/2013	U.S.A.



DESIGN NUMBER	261875
CLASS	23-01
1)MAHESH GUPTA, AN INDIAN NATIONAL OF C-64, SECTOR - 14, NOIDA, UTTAR PRADESH, INDIA	
DATE OF REGISTRATION	21/04/2014
TITLE	WATER PURIFIER
PRIORITY NA	



DESIGN NUMBER	260782
CLASS	15-09
1)ENDICO POWER TOOLS, AN INDIAN COMPANY, OF 1276/1, ST NO. 3, SHIMLAPURI, LUDHIANA-141003, PUNJAB, INDIA	
DATE OF REGISTRATION	04/03/2014
TITLE	CHECK NUT OF ROUTER MACHINES
PRIORITY NA	



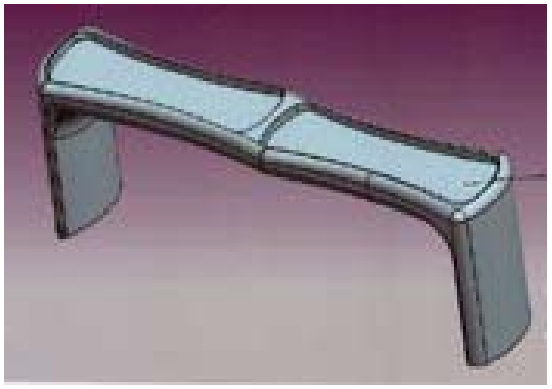
DESIGN NUMBER	261035
CLASS	06-13
1)FEM EXPORTS., (AN INDIAN SOLE PROPRIETORSHIP CONCERN), HAVING OFFICE AT 89/90, LEVEL 1, DEWAN CENTRE, 186, S. V. ROAD, JOGESHWARI (WEST), MUMBAI-400102. MAHARASHTRA, INDIA WHOSE PROPRIETOR IS ISHAK EBRAHIM BAMBOOWALA. (INDIAN NATIONAL) OF ABOVE ADDRESS	
DATE OF REGISTRATION	18/03/2014
TITLE	TOWEL
PRIORITY NA	



DESIGN NUMBER	259899
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	BONNET TRIM OF A VEHICLE
PRIORITY NA	



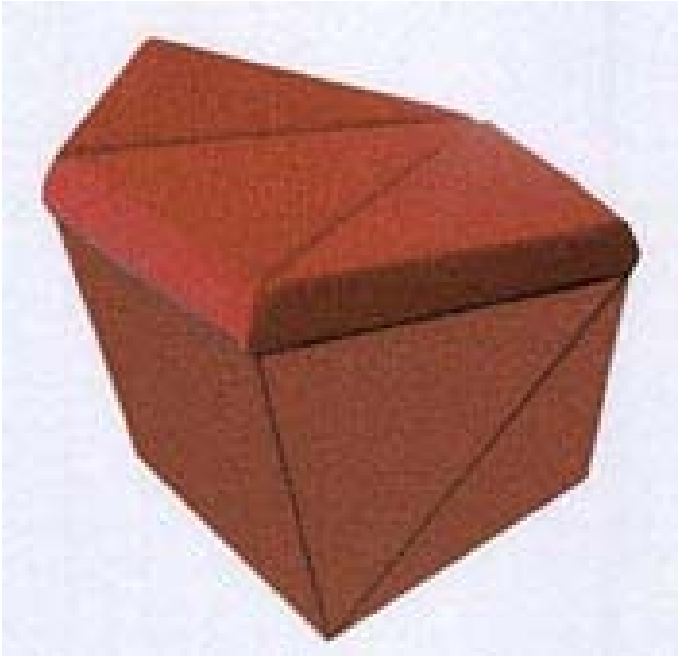
DESIGN NUMBER	257653
CLASS	08-06
1)MR. TULESHBHAI DAYALJIBHAI PATEL., AN INDIAN NATIONAL., HAVING ITS PRINCIPAL PLACE OF BUSINESS AT, ‘‘KRISHNA"; NR. ARYA DAIRY FARM, LEUVA PATEL BOARDING MAIN ROAD, MAVDI PLOT, RAJKOT. GUJARAT-INDIA	
DATE OF REGISTRATION	22/10/2013
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	258412
CLASS	06-01
1)KNOLL, INC., A DELAWARE CORPORATION, OF 1235 WATER STREET, EAST GREENVILLE, PENNSYLVANIA 18041, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	27/11/2013
TITLE	FURNITURE (OTTOMAN)

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/456,623	31/05/2013	U.S.A.



DESIGN NUMBER	262519
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	09/05/2014
TITLE	TEXTILE FABRIC
PRIORITY NA	



DESIGN NUMBER	259689
CLASS	21-01
1)SANJAY KUMAR, VILLAGE AND POST-KOHANSI, DIS.-VARANASI (UTTAR PRADESH), PIN CODE-221101, INDIAN	
DATE OF REGISTRATION	27/01/2014
TITLE	CAR
PRIORITY NA	



DESIGN NUMBER	260168
CLASS	15-02
1)TUSHAR KANT JINDAL, R/O 15/100, SHUBH ANCHAL, FRIENDS COLONY, D.M. ROAD, BULAND SHAHAR-203001 (U.P.), INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	06/02/2014
TITLE	COMPRESSOR VALVE
PRIORITY NA	



DESIGN NUMBER	255816
CLASS	11-01
1)CORE JEWELLERY PRIVATE LIMITED., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), OF GJ-4, SDF-VII, SEEPZ, M.I.D.C., ANDHERI (EAST), MUMBAI-400096, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	14/08/2013
TITLE	JEWELLERY
PRIORITY NA	



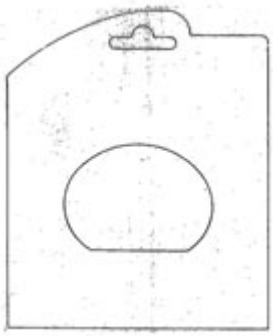
DESIGN NUMBER	260969
CLASS	09-03
1)SUDEEP GARG, AN INDIAN NATIONAL HAVING HIS ADDRESS AT 1 KUSUM VIHAR, DAYAL BAGH AGRA-282005 (UP) INDIA	
DATE OF REGISTRATION	14/03/2014
TITLE	CONTAINER
PRIORITY NA	



DESIGN NUMBER	260017
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	FRONT GRILLE FINISHER OF A VEHICLE
PRIORITY NA	



DESIGN NUMBER	258003
CLASS	23-04
1)ZOBELE HOLDING S.P.A., AN ITALIAN COMPANY, HAVING ITS ADDRESS AT VIA FERSINA 4, I-38100 TRENTO, ITALY	
DATE OF REGISTRATION	06/11/2013
TITLE	AIR FRESHENER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002232777-0004	06/05/2013	EUROPEAN UNION

DESIGN NUMBER	259487
CLASS	08-07
1)WINDOW FABRICATION AND FIXING SUPPLIERS LIMITED, UNIT 4, THE MOORING BUSINESS PARK, CHANNEL WAY, OFF BLACKHORSE ROAD, EXHALL, COVENTRY CV7 9FW, UNITED KINGDOM, NATIONALITY: UNITED KINGDOM	
DATE OF REGISTRATION	20/01/2014
TITLE	LOCK



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002278119.0001	19/07/2013	EUROPEAN UNION

DESIGN NUMBER	259840
CLASS	07-01
1)DART INDUSTRIES INC., A CORPORATION FOUNDED UNDER THE LAWS OF DELAWARE, U.S.A. OF 14901 SOUTH ORANGE BLOSSOM TRAIL, ORLANDO, FLORIDA 32837, USA	
DATE OF REGISTRATION	30/01/2014
TITLE	CONTAINER WITH LID



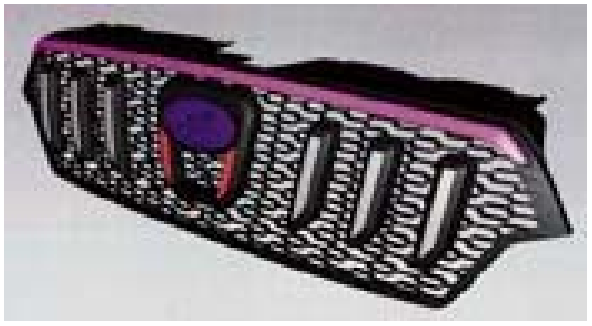
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/462,110	31/07/2013	U.S.A.

DESIGN NUMBER	261423
CLASS	19-06
1)ADD CORPORATION LIMITED OF BUSINESS PARK, 6TH FLOOR, CHINCHOLI NAKA, S.V. ROAD, MALAD (WEST), MUMBAI-400 064, MAHARASHTRA, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	01/04/2014
TITLE	WRITING INSTRUMENT
PRIORITY NA	



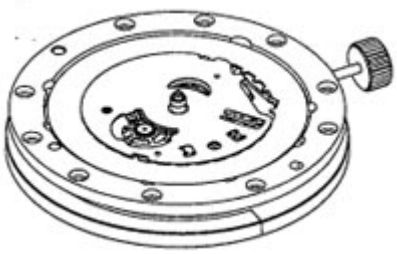
DESIGN NUMBER	261484
CLASS	12-16
1)MAHINDRA & MAHINDRA LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	02/04/2014
TITLE	FRONT GRILLE FOR VEHICLE
PRIORITY NA	



DESIGN NUMBER	257380
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	WATCH MOVEMENT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DM 080 666	16/04/2013	WIPO



DESIGN NUMBER	262287
CLASS	07-01
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	02/05/2014
TITLE	BUTTER DISH COVER
PRIORITY NA	



DESIGN NUMBER	256644
CLASS	99-01
1)ALISUBAIR, BEING THE CITIZEN OF INDIA, HAVING ADDRESS AS ALAYATTIL HOUSE, PAKARA, THANALUR POST, MALAPPURAM DIST, KERALA-676307, INDIA	
DATE OF REGISTRATION	20/09/2013
TITLE	INCINERATOR
PRIORITY NA	



DESIGN NUMBER	259901
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	FRONT BUMPER OF A VEHICLE
PRIORITY NA	



DESIGN NUMBER	260122
CLASS	09-01
1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF 103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM	
DATE OF REGISTRATION	05/02/2014
TITLE	BOTTLE WITH CAP



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002286617-0001	05/08/2013	OHIM

DESIGN NUMBER	257656
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	22/10/2013
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	258247
CLASS	16-05
1)SHENZHEN HAIYA TECHNOLOGY CO., LTD., A COMPANY EXISTING UNDER THE LAWS OF CHINA, 9TH FLOOR, OFFICE BUILDING OF YASEN INDUSTRIAL PARK, NO. 8, CHENGXIN ROAD, BAOLONG INDUSTRIAL ZONE, LONGGANG DISTRICT, SHENZHEN, GUANGDONG 518116, CHINA	
DATE OF REGISTRATION	19/11/2013
TITLE	PROJECTOR BRACKET FOR ANALYZING VIDEO IMAGES



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201330433570.6	09/09/2013	CHINA

DESIGN NUMBER	259453
CLASS	12-16
1)JAY USHIN LTD., NATIONALITY INDIAN PLOT NO. 282, PHASE-6, SECTOR 37, GURGAON, 122001, HARYANA, INDIA	
DATE OF REGISTRATION	17/01/2014
TITLE	CAP ASSEMBLY FUEL FILLER
PRIORITY NA	



DESIGN NUMBER	258267
CLASS	23-04
1)DAYAL CHAND TRADING AS M/S. SIGMA REFRIGERATION WORKS, 3745, SHOP NO. 1 & 7, KUCHA PARMANAND, NETAJI SUBHASH MARG, DARYA GANJ, NEW DELHI-110002, INDIA (A SOLE PROPRIETORSHIP FIRM)	
DATE OF REGISTRATION	21/11/2013
TITLE	REFRIGERANT LIQUID LINE FILTER DRIER
PRIORITY NA	



DESIGN NUMBER	258413
CLASS	06-01
1)KNOLL, INC., A DELAWARE CORPORATION, OF 1235 WATER STREET, EAST GREENVILLE, PENNSYLVANIA 18041, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	27/11/2013
TITLE	CHAIR

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/456,632	31/05/2013	U.S.A.



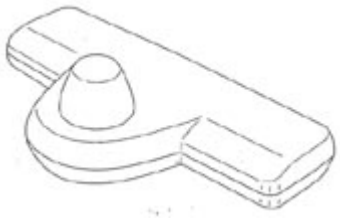
DESIGN NUMBER	255837
CLASS	10-05

1)TYCO FIRE & SECURITY GMBH, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAW OF SWITZERLAND,
OF VICTOR VON BRUNS-STRASSE 21, 8212 NEUHAUSEN AM RHEINFALL, SWITZERLAND

DATE OF REGISTRATION	14/08/2013
TITLE	SECURITY TAG

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/445,969	19/02/2013	U.S.A.



DESIGN NUMBER	261033
CLASS	06-13

1)FEM EXPORTS., (AN INDIAN SOLE PROPRIETORSHIP CONCERN), HAVING OFFICE AT 89/90, LEVEL 1, DEWAN CENTRE, 186, S. V. ROAD, JOGESHWARI (WEST), MUMBAI-400102. MAHARASHTRA, INDIA
WHOSE PROPRIETOR IS ISHAK EBRAHIM BAMBOOWALA. (INDIAN NATIONAL) OF ABOVE ADDRESS

DATE OF REGISTRATION	18/03/2014
TITLE	TOWEL

PRIORITY NA



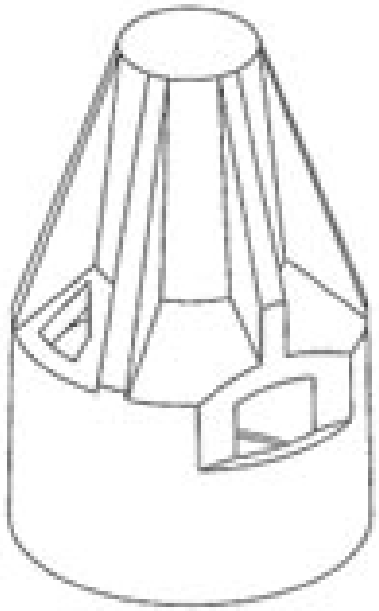
DESIGN NUMBER	261097
CLASS	24-02

1)HTL-STREFA
SPÓLKA AKCYJNA, ADAMÓWEK 7, PL 95-035 OZORKÓW, POLAND, NATIONALITY-POLAND

DATE OF REGISTRATION	19/03/2014
TITLE	SHIELD FOR MEDICAL NEEDLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002335141-0002	29/10/2013	OHIM



DESIGN NUMBER	260018
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	FRONT BUMPER CHIN TRIM OF A VEHICLE
PRIORITY NA	



DESIGN NUMBER	260068
CLASS	13-03
1)AJANTA PRIVATE LIMITED, AN INDIAN COMPANY OF ORPAT INDUSTRIAL ESTATE, RAJKOT-MORBI HIGHWAY, MORBI 363641, STATE OF GUJARAT, INDIA	
DATE OF REGISTRATION	03/02/2014
TITLE	SOCKET
PRIORITY NA	



DESIGN NUMBER	258840
CLASS	06-02
1)HILL-ROM SERVICES PTE. LTD., 1 YISHUN AVENUE 7 SINGAPORE 768923, A CORPORATION OF SINGAPORE	
DATE OF REGISTRATION	18/12/2013
TITLE	ENDBOARD FOR A PATIENT BED

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/467,700	23/09/2013	U.S.A.



DESIGN NUMBER	258076
CLASS	03-01
1)LUDOVICO MARABOTTO, HAVING ITS ADDRESS AT I-10126 TORINO (ITALY), CORSO MASSIMO D'AZEGLIO N. 72, BY NATIONALITY ITALY	
DATE OF REGISTRATION	11/11/2013
TITLE	TROLLEY
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
TO 2013 O 000027	13/05/2013	ITALY



DESIGN NUMBER	258316
CLASS	17-02
1)AZHARUDDIN NAJIMUDDIN SHAIKH AN INDIAN NATIONAL WHOSE ADDRESS IS C-10, 157 SHANTI RAKSHAK SOCIETY, AIRPORT ROAD, YERWADA, PUNE 411006 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	22/11/2013
TITLE	FLUTE
PRIORITY NA	



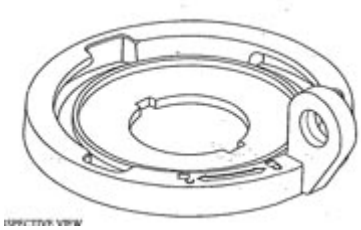
DESIGN NUMBER	258449
CLASS	06-01
1)ITALICA FURNITURE PRIVATE LIMITED, E-260-261, M I A, UDAIPUR, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	28/11/2013
TITLE	CHAIR
PRIORITY NA	



DESIGN NUMBER	259864
CLASS	08-07
1)BRADY WORLDWIDE, INC. 2221 WEST CAMDEN ROAD, MILWAUKEE, WISCONSIN - 53209, UNITED STATES OF AMERICA, A WISCONSIN CORPORATION	
DATE OF REGISTRATION	30/01/2014
TITLE	LOCKING DEVICE BASE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/462,123	31/07/2013	U.S.A.



DESIGN NUMBER	256186
CLASS	12-05
1)KONECRANES PLC, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF FINLAND, OF THE ADDRESS KONEENKATU 8, 05830 HYVINKÄÄ, FINLAND	
DATE OF REGISTRATION	03/09/2013
TITLE	CONTROL DEVICE FOR CRANES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002233213-0001	07/05/2013	OHIM



DESIGN NUMBER	258649
CLASS	08-06
1)MR. AJAY KUMAR GOYAL, AN INDIAN CITIZEN, PROPRIETOR OF M/S. IMPERIAL INDUSTRIES, AN INDIAN PROPRIETORSHIP COMPANY OF KHASRA NO. 65, NEAR MCD SCHOOL, SHAHBAAD, DAULATPUR, DELHI-110053, INDIA	
DATE OF REGISTRATION	10/12/2013
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	259353
CLASS	08-06
1)PHA INDIA (P) LTD, A COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956 HAVING ITS REGISTERED OFFICE AT C-16 & C-25, SIPCOT INDL. PARK, IRRUNGATTUKOTTAI, SRIPERUMBUDUR, TAMIL NADU, INDIA-602117; NATIONALITY: INDIAN	
DATE OF REGISTRATION	10/01/2014
TITLE	HINGE FOR VEHICLE DOOR
PRIORITY NA	



DESIGN NUMBER	261485
CLASS	26-06
1)MAHINDRA & MAHINDRA LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	02/04/2014
TITLE	HEADLAMP FOR VEHICLE
PRIORITY NA	



DESIGN NUMBER	260503
CLASS	12-16
1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT JAYALAKSHMI ESTATES, 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	20/02/2014
TITLE	REAR FENDER FOR MOTORCYCLES
PRIORITY NA	



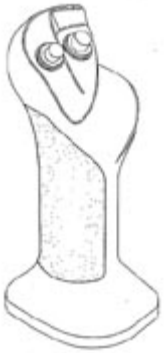
DESIGN NUMBER	262288
CLASS	07-01
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	02/05/2014
TITLE	BUTTER DISH COVER
PRIORITY NA	



DESIGN NUMBER	245619
CLASS	12-16
1)EMBRAER S.A., A COMPANY ORGANIZED AND EXISTING UNDER THE BRAZILIAN LAW AV. BRIGADEIRO FARIA LIMA, 2.170, SÄO JOSÉ DOS CAMPOS - SP - BRAZIL, 12227-901	
DATE OF REGISTRATION	28/05/2012
TITLE	SIDESTICK CONTROLLER FOR AIRCRAFT CONTROL

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/407,384	28/11/2011	U.S.A.



DESIGN NUMBER	261166
CLASS	09-02
1)SARAIWWALAA AGRR REFINERIES LIMITED, (INCORPORATED AND REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), HAVING ITS REGISTERED OFFICE AT PLOT NO. 268, SRI KRUPA MARKET, MAHBOOB MANSION, MALAKPET, HYDERABAD-500036, A.P.	
DATE OF REGISTRATION	21/03/2014
TITLE	CONTAINER
PRIORITY NA	



DESIGN NUMBER	256706
CLASS	09-01
1)TEISSEIRE FRANCE (SOCIETE PAR ACTIONS SIMPLIFIEE), 482 AV. AMBROISE CROIZAT, 38920 CROLLES, FRANCE	
DATE OF REGISTRATION	24/09/2013
TITLE	BOTTLE



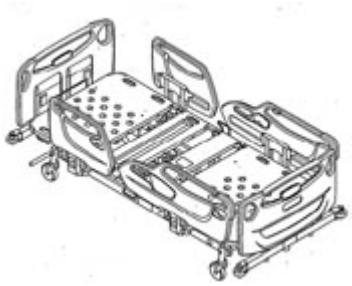
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002208488	25/03/2013	OHIM

DESIGN NUMBER	257657
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	22/10/2013
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	258839
CLASS	06-02
1)HILL-ROM SERVICES PTE. LTD., 1 YISHUN AVENUE 7 SINGAPORE 768923, A CORPORATION OF SINGAPORE	
DATE OF REGISTRATION	18/12/2013
TITLE	PATIENT BED



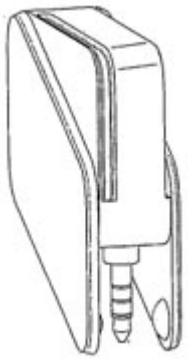
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/467,701	23/09/2013	U.S.A.

DESIGN NUMBER	258431
CLASS	14-02
1)PAYCLIP, INC., A DELAWARE CORPORATION EXISTING UNDER THE STATE OF CALIFORNIA, US, 965 BREWSTER AVENUE, REDWOOD CITY, CA, US	
DATE OF REGISTRATION	28/11/2013
TITLE	ELECTRONIC CARD READER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/456,095	28/05/2013	U.S.A.



DESIGN NUMBER	259848
CLASS	23-03
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	30/01/2014
TITLE	WATER HEATER
PRIORITY NA	



DESIGN NUMBER	261533
CLASS	26-06
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	04/04/2014
TITLE	LED BULB FOR VEHICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002334532-0003	28/10/2013	OHIM



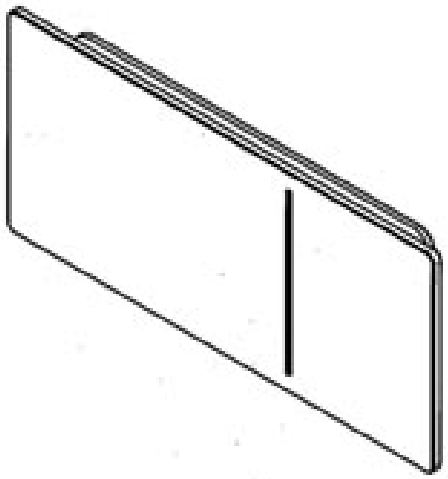
DESIGN NUMBER	261372
CLASS	23-02

1)GEBERIT INTERNATIONAL AG
SCHACHENSTRASSE 77 8645 JONA SWITZERLAND A COMPANY OF SWITZERLAND

DATE OF REGISTRATION	28/03/2014
TITLE	CONTROL PANEL FOR TOILET FLUSH TANKS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
787158001	17/01/2014	WIPO



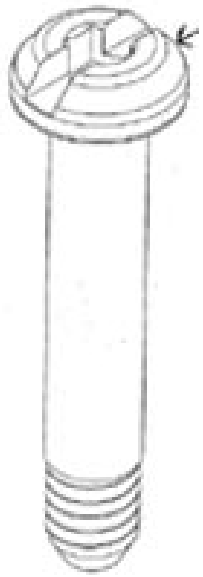
DESIGN NUMBER	256782
CLASS	08-04

1)MAGPUL INDUSTRIES CORPORATION,
400 YOUNG COURT, UNIT 1, ERIE, COLORADO 80516, UNITED STATES OF AMERICA, A COLORADO CORPORATION

DATE OF REGISTRATION	25/09/2013
TITLE	SCREW HEAD

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/454,089	06/05/2013	U.S.A.



DESIGN NUMBER	259908
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	INNER COVER OF OUTER REAR VIEW MIRROR OF A VEHICLE

PRIORITY NA



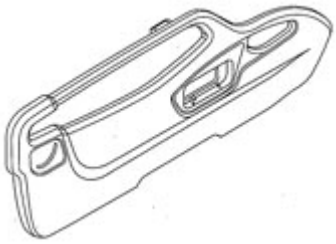
DESIGN NUMBER	257660
CLASS	07-02
1)(1). DHAVAL H. PATEL, (2). BHUMIKA D. PATEL, (3). PRAKASH P. VARMORA AND (4). KALPESH A. PATEL., ALL INDIAN NATIONAL DIRECTORS OF VARMORA PLASTECH PVT. LTD., A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956., HAVING ITS PRINCIPLE PLACE OF BUSINESS AT, PLOT NO. 3, 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	KITCHEN STORAGE CONTAINER
PRIORITY NA	



DESIGN NUMBER	258841
CLASS	06-02
1)HILL-ROM SERVICES PTE. LTD., 1 YISHUN AVENUE 7 SINGAPORE 768923, A CORPORATION OF SINGAPORE	
DATE OF REGISTRATION	18/12/2013
TITLE	HEAD RAIL FOR A PATIENT BED

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/467,702	23/09/2013	U.S.A.



DESIGN NUMBER	258077
CLASS	03-01
1)LUDOVICO MARABOTTO, HAVING ITS ADDRESS AT I-10126 TORINO (ITALY), CORSO MASSIMO D'AZEGLIO N. 72, BY NATIONALITY ITALY	
DATE OF REGISTRATION	11/11/2013
TITLE	TROLLEY

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
TO 2013 O 000027	13/05/2013	ITALY



DESIGN NUMBER	258323
CLASS	09-03
1)MAGPET POLYMERS P. LTD. OF 48, S. N. ROY ROAD, KOLKATA - 700038, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	22/11/2013
TITLE	PREFORM FOR BOTTLE & JARS
PRIORITY NA	



DESIGN NUMBER	258456
CLASS	04-02
1)GLAXO GROUP LIMITED, ENGLAND, GREAT BRITAIN OF THE ADDRESS 980 GREAT WEST ROAD, BRENTFORD, MIDDLESEX TW8 9GS, UNITED KINGDOM	
DATE OF REGISTRATION	28/11/2013
TITLE	TRAVEL CAP (COVER) FOR TOOTHBRUSH HEADS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
GB 4030165	31/05/2013	U.K.



DESIGN NUMBER	259718
CLASS	08-08
1)POWERCOM SA, VIA MULINO, 11-6855 STABIO, SWITZERLAND, NATIONALITY: SWITZERLAND	
DATE OF REGISTRATION	27/01/2014
TITLE	GRIPPING CLAMP FOR STRETCHING A CABLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2351460	25/11/2013	OHIM



DESIGN NUMBER	261440
CLASS	23-02
1)1) MR. BHAILAL R. GADA 2) MRS. RITA B. GADA 3) MR. NAVIN R. GADA AND 4) MRS. LEENA N. GADA PARTNERS- INDIAN NATIONAL, TRADING AS JYOTI INDUSTRIES INDIA, A REGISTERED PARTNERSHIP FIRM IN INDIA, HAVING ITS REGISTERED OFFICE AT 209, KALIANDAS UDYOG BHAVAN, CENTURY BAZAR, WORLI, MUMBAI-400 025, STATE OF MAHARASHTRA, INDIA OF ABOVE ADDRESS	
DATE OF REGISTRATION	01/04/2014
TITLE	STRAINER
PRIORITY NA	



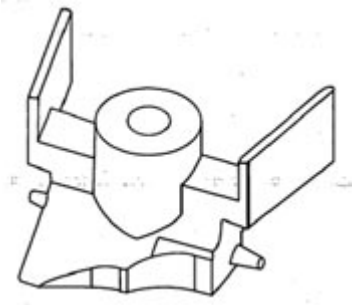
DESIGN NUMBER	261692
CLASS	07-02
1)MR. DEV MUTREJA, AN INDIAN COMPANY REGISTERED UNDER THE COMPANIES ACT, 1956 HAVING ITS OFFICE AT 8/8 OLD RAJINDER NAGAR, NEW DELHI-110060	
DATE OF REGISTRATION	11/04/2014
TITLE	HANDLE OF PRESSURE COOKER SET
PRIORITY NA	



DESIGN NUMBER	256225
CLASS	08-08
1)A.D. INTEGRITY APPLICATIONS LTD., AN ISRAELI COMPANY HAVING ADDRESS AT 102 HA'AVODA ST., P.O. BOX 432, ASHKELON 78100, ISRAEL	
DATE OF REGISTRATION	05/09/2013
TITLE	HINGE PIN JOINT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
53821	12/03/2013	ISRAEL



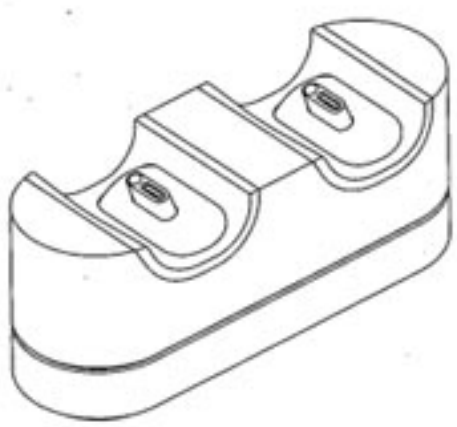
DESIGN NUMBER	257686
CLASS	08-06
1)JAYESHBHAI DINESHBHAI SOJITRA (ADULT & INDIAN NATIONAL) SOLE PROPRIETOR OF BALAJI INDUSTRIES (INDIAN PROPRIETORSHIP FIRM) HAVING PLACE OF BUSINESS AT : VIRANI AGHAT, GHANSHYAMNAGAR-5 CORNER, OPP: PAVAN INDUSTRIES, DHEBAR ROAD, SOUTH, RAJKOT-GUJARAT (INDIA)	
DATE OF REGISTRATION	24/10/2013
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	258421
CLASS	14-99
1)SONY COMPUTER ENTERTAINMENT INC., A JAPANESE COMPANY OF 1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN	
DATE OF REGISTRATION	27/11/2013
TITLE	CRADLE FOR ELECTRONIC DEVICES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-012879	07/06/2013	JAPAN



DESIGN NUMBER	262467
CLASS	23-04
1)MR. BASANT KUMAR MALIK (INDIAN NATIONAL) HAVING ITS OFFICE AT I-3/69, SECTOR-16, ROHINI, NEW DELHI-110089, (INDIA)	
DATE OF REGISTRATION	08/05/2014
TITLE	COOLER

PRIORITY NA



DESIGN NUMBER	261486
CLASS	26-06
1)MAHINDRA & MAHINDRA LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF GATEWAY BUILDING, APOLLO BUNDER, MUMBAI 400001, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	02/04/2014
TITLE	TAILLAMP FOR VEHICLE
PRIORITY NA	



DESIGN NUMBER	259075
CLASS	13-02
1)CROMPTON GREAVES LIMITED, CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY	
DATE OF REGISTRATION	27/12/2013
TITLE	UNINTERRUPTABLE POWER SUPPLY
PRIORITY NA	



DESIGN NUMBER	262289
CLASS	07-03
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA	
DATE OF REGISTRATION	02/05/2014
TITLE	BUTTER KNIFE
PRIORITY NA	



DESIGN NUMBER	261928
CLASS	05-05
1)SUNIT JAIN OF F-200-201, EPIP, SITAPURA, JAIPUR (RAJASTHAN), INDIA, INDIAN NATIONAL	
DATE OF REGISTRATION	22/04/2014
TITLE	TEXTILE FABRIC
PRIORITY NA	



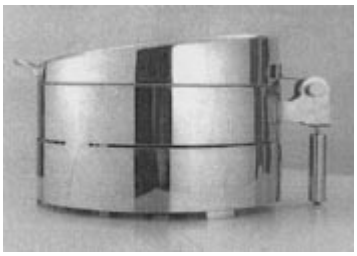
DESIGN NUMBER	261299
CLASS	07-99
1)HAMILTON HOUSEWARES PVT. LTD. AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT 1956, HAVING REGISTERED OFFICE AT ASIAN BUILDING, 4TH FLOOR, R. KAMANI MARG, BALLARD ESTATE, MUMBAI 400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	27/03/2014
TITLE	BUCKET
PRIORITY NA	



DESIGN NUMBER	260854
CLASS	09-01
1)NAYASA WORLD OF SURVEY NO. 655/1C NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS	
DATE OF REGISTRATION	10/03/2014
TITLE	BOTTLE
PRIORITY NA	



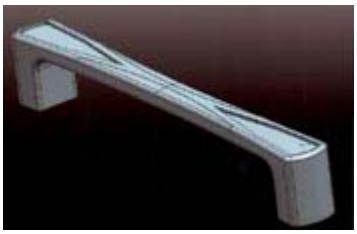
DESIGN NUMBER	256712
CLASS	07-01
1)MR. MANU MEHRA, AN INDIAN NATIONAL AND RESIDENT OF G-15, JANGPURA EXTN., NEW DELHI-110014	
DATE OF REGISTRATION	24/09/2013
TITLE	FOOD WARMER
PRIORITY NA	



DESIGN NUMBER	259907
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	INNER CAP OF OUTER REAR VIEW MIRROR OF A VEHICLE
PRIORITY NA	



DESIGN NUMBER	257659
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	22/10/2013
TITLE	HANDLE
PRIORITY NA	

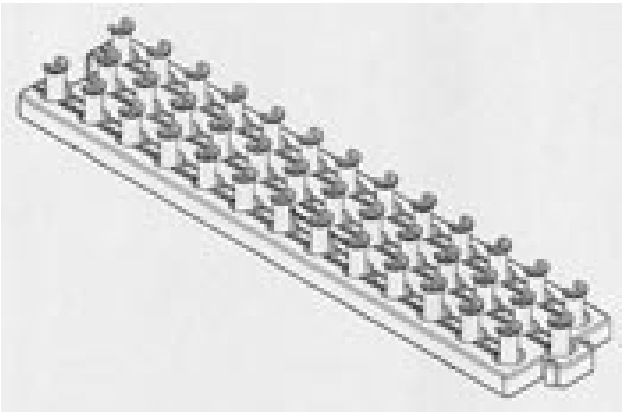


DESIGN NUMBER	262975
CLASS	07-01
1)ASHISH ARORA (H.U.F.) AN INDIAN PROPRIETOR FIRM AT OZZO HOUSEWARE, 53/B/102, SILVER INDUSTRIAL ESTATE, PATALIYA ROAD, BHIMPORE, NANI DAMAN, DAMAN (U.T.) (INDIA) OF ABOVE ADDRESS	
DATE OF REGISTRATION	29/05/2014
TITLE	THERMOS



PRIORITY NA

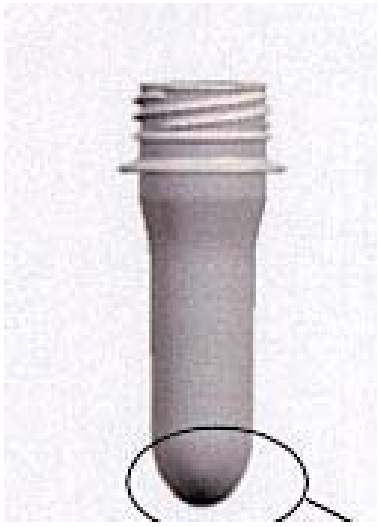
DESIGN NUMBER	259304
CLASS	15-06
1)CHEONG CHOON NG, A CITIZEN OF THE UNITED STATES OF AMERICA, OF 44926 PAINE DR., NOVI, MI 48377, USA	
DATE OF REGISTRATION	09/01/2014
TITLE	LOOM



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/468,891	04/10/2013	U.S.A.

DESIGN NUMBER	258324
CLASS	09-03
1)MAGPET POLYMERS P. LTD. OF 48, S. N. ROY ROAD, KOLKATA - 700038, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	22/11/2013
TITLE	PREFORM FOR BOTTLE & JARS



PRIORITY NA

DESIGN NUMBER	261441
CLASS	23-02
1)1) MR. BHAILAL R. GADA 2) MRS. RITA B. GADA 3) MR. NAVIN R. GADA AND 4) MRS. LEENA N. GADA PARTNERS- INDIAN NATIONAL, TRADING AS JYOTI INDUSTRIES INDIA, A REGISTERED PARTNERSHIP FIRM IN INDIA, HAVING ITS REGISTERED OFFICE AT 209, KALIANDAS UDYOG BHAVAN, CENTURY BAZAR, WORLI, MUMBAI-400 025, STATE OF MAHARASHTRA, INDIA OF ABOVE ADDRESS	
DATE OF REGISTRATION	01/04/2014
TITLE	STRAINER
PRIORITY NA	



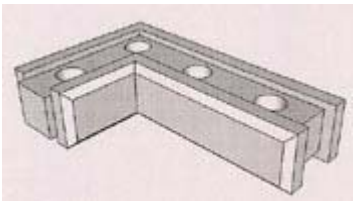
DESIGN NUMBER	262233
CLASS	05-05
1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/05/2014
TITLE	TEXTILE FABRIC
PRIORITY NA	



DESIGN NUMBER	262372
CLASS	08-06
1)(1) GOVINDBHAI MULJIBHAI BHOOT (2) DINESHBHAI MAGANBHAI CHORATIYA (BOTH PARTNERS ARE ADULT & INDIAN NATIONAL) AND PARTNERS OF SOMNATH METAL (INDIAN PARTNERSHIP FIRM) HAVING PLACE OF BUSINESS AT- 6, PATEL NAGAR, NR. BHALADA INDUSTRIES, 80 FEET ROAD, SORATHIWADI, RAJKOT-360001 - GUJARAT (INDIA)	
DATE OF REGISTRATION	06/05/2014
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	261314
CLASS	25-01
1)GUNJAL VIJAY SHIVAJIRAO, AMBIKANAGAR, KOTAMGAON ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST-NASHIK, STATE-MAHARASHTRA, INDIA, PIN-422306, INDIAN	
DATE OF REGISTRATION	28/03/2014
TITLE	BRICK
PRIORITY NA	



DESIGN NUMBER	260818
CLASS	14-03
1)APPLE INC., 1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA	
DATE OF REGISTRATION	06/03/2014
TITLE	MOBILE PHONE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/466,548	09/09/2013	U.S.A.



DESIGN NUMBER	259308
CLASS	14-01
1)XMI PTE, LTD., 13 NEIL ROAD, SINGAPORE 088810, NATIONALITY-SINGAPORE	
DATE OF REGISTRATION	09/01/2014
TITLE	SPEAKERS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201330320714.7	10/07/2013	CHINA



DESIGN NUMBER	258094
CLASS	24-04
1)RESMED LTD, HAVING AN OFFICE AND PLACE OF BUSINESS AT 1 ELIZABETH MACARTHUR DRIVE, BELLA VISTA, NEW SOUTH WALES, 2153, AUSTRALIA	
DATE OF REGISTRATION	12/11/2013
TITLE	PATIENT INTERFACE
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
29/461,680	26/07/2013	U.S.A.



DESIGN NUMBER	261699
CLASS	09-03
1)M/S. SARASWATI PLASTO TECH INDIA PVT. LTD. (A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956), LANE-4, PHASE-1, SIDCO INDUSTRIAL COMPLEX, BARI BRAHMANA, JAMMU-181133	
DATE OF REGISTRATION	11/04/2014
TITLE	CONTAINER
PRIORITY NA	



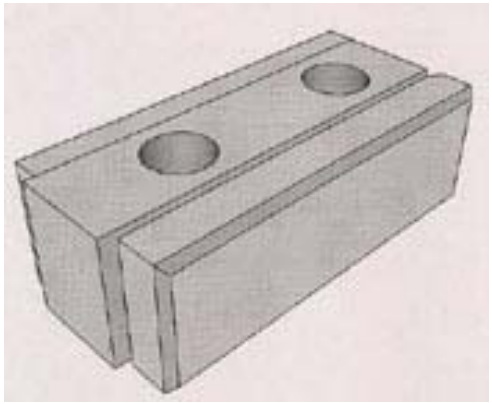
DESIGN NUMBER	260510
CLASS	12-16
1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT JAYALAKSHMI ESTATES, 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	20/02/2014
TITLE	FUEL TANK FOR TWO WHEELERS
PRIORITY NA	



DESIGN NUMBER	261803
CLASS	09-03
1)NAYASA WORLD OF SURVEY NO. 655/IC NEAR SOMNANATH CO.OP.SOCIETY, DABHEL NANI DAMAN, DAMAN-396310, (UNION TERRITORIES) DAMAN, INDIA, INDIAN PARTNERSHIP FIRM, WHOSE PARTNERS ARE RUPA SACHDEV, MANASI SACHDEV & KISHOR MALIK, ALL INDIAN NATIONALS	
DATE OF REGISTRATION	16/04/2014
TITLE	BOXES FOR COSMETICS
PRIORITY NA	



DESIGN NUMBER	261316
CLASS	25-01
1)GUNJAL VIJAY SHIVAJIRAO, AMBIKANAGAR, KOTAMGAON ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST-NASHIK, STATE-MAHARASHTRA, INDIA, PIN-422306, INDIAN	
DATE OF REGISTRATION	28/03/2014
TITLE	BRICK
PRIORITY NA	



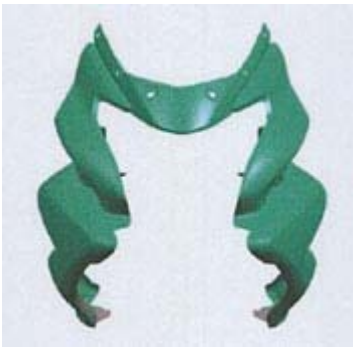
DESIGN NUMBER	260820
CLASS	03-01
1)APPLE INC., 1 INFINITE LOOP, CUPERTINO, CALIFORNIA 95014, UNITED STATES OF AMERICA, A CORPORATION INCORPORATED IN THE STATE OF CALIFORNIA	
DATE OF REGISTRATION	06/03/2014
TITLE	CASE FOR ELECTRONIC DEVICE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/466,580	09/09/2013	U.S.A.



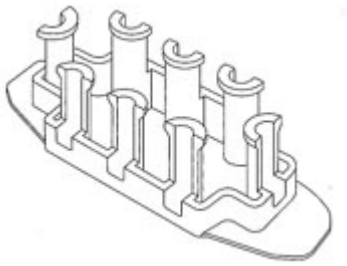
DESIGN NUMBER	261137
CLASS	12-11
1)BAJAJ AUTO LIMITED, AN INDIAN COMPANY, INCORPORATED UNDER THE COMPANIES ACT OF 1956, HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NEW 2ND & 3RD FLOOR, KHIVRAJ BUILDING, NO. 616, ANNASALAI, CHENNAI - 600006, STATE OF TAMIL NADU, INDIA, AND REGISTERED OFFICE AT AKURDI, PUNE-411035, STATE OF MAHARASHTRA, INDIA	
DATE OF REGISTRATION	20/03/2014
TITLE	FAIRING ASSEMBLY FOR MOTORCYCLE
PRIORITY NA	



DESIGN NUMBER	259305
CLASS	15-06
1)CHEONG CHOON NG, A CITIZEN OF THE UNITED STATES OF AMERICA, OF 44926 PAINE DR., NOVI, MI 48377, USA	
DATE OF REGISTRATION	09/01/2014
TITLE	LOOM

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/468,549	01/10/2013	U.S.A.



DESIGN NUMBER	258093
CLASS	24-04
1)RESMED LTD, HAVING AN OFFICE AND PLACE OF BUSINESS AT 1 ELIZABETH MACARTHUR DRIVE, BELLA VISTA, NEW SOUTH WALES, 2153, AUSTRALIA	
DATE OF REGISTRATION	12/11/2013
TITLE	HEADGEAR FOR PATIENT INTERFACE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/461,681	26/07/2013	U.S.A.



DESIGN NUMBER	262234
CLASS	05-05
1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA	
DATE OF REGISTRATION	01/05/2014
TITLE	TEXTILE FABRIC
PRIORITY NA	



DESIGN NUMBER	259980
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	ROOFLINER OF A VEHICLE
PRIORITY NA	



DESIGN NUMBER	258463
CLASS	04-02
1)GLAXO GROUP LIMITED, ENGLAND, GREAT BRITAIN OF THE ADDRESS 980 GREAT WEST ROAD, BRENTFORD, MIDDLESEX TW8 9GS, UNITED KINGDOM	
DATE OF REGISTRATION	28/11/2013
TITLE	TRAVEL CAP (COVER) FOR TOOTHBRUSH HEAD

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
GB 4030167	31/05/2013	U.K.



DESIGN NUMBER	258615
CLASS	07-02
1)HERMAN MILLER, INC., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF MICHIGAN, UNITED STATES OF AMERICA, OF MS 0440, 855 EAST MAIN AVENUE, P.O. BOX 302, ZEELAND, MICHIGAN 49464-0302, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	06/12/2013
TITLE	STORAGE FURNITURE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/457,260	07/06/2013	U.S.A.

DESIGN NUMBER	260876
CLASS	09-01
1)THE PROCTER & GAMBLE COMPANY, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING ITS REGISTERED OFFICE AT ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO - 45202, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	10/03/2014
TITLE	BOTTLE WITH DOSING CAP



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
761416301	12/09/2013	WIPO

DESIGN NUMBER	260093
CLASS	13-03
1)AJANTA PRIVATE LIMITED, AN INDIAN COMPANY OF ORPAT INDUSTRIAL ESTATE, RAJKOT-MORBI HIGHWAY, MORBI 363641, STATE OF GUJARAT, INDIA	
DATE OF REGISTRATION	03/02/2014
TITLE	MODULE BOTTOM COVER FOR SWITCH



PRIORITY NA

DESIGN NUMBER	258095
CLASS	24-04
1)RESMED LTD, HAVING AN OFFICE AND PLACE OF BUSINESS AT 1 ELIZABETH MACARTHUR DRIVE, BELLA VISTA, NEW SOUTH WALES, 2153, AUSTRALIA	
DATE OF REGISTRATION	12/11/2013
TITLE	PATIENT INTERFACE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/461,680	26/07/2013	U.S.A.

DESIGN NUMBER	258334
CLASS	07-01
1)M/S MAGPPIE RETAIL LIMITED HAVING ITS REGISTERED OFFICE AT PD-4A, PITAMPURA, DELHI-110088, DELHI, INDIA	
DATE OF REGISTRATION	25/11/2013
TITLE	SERVING DISH



PRIORITY NA

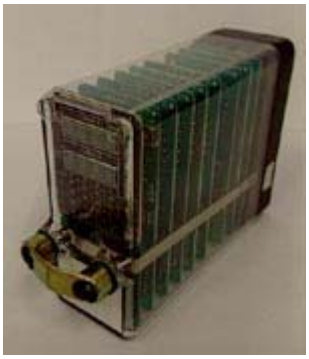
DESIGN NUMBER	260198
CLASS	15-09
1)JAYENDRABHAI SAGPARIYA AND PIYUSHBHAI SAGPARIYA BOTH INDIAN NATIONAL PARTNERS OF YANTRANG PRECISE AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS: NH-8B, GONDAL ROAD, OPP. PARIN FURNITURE, INSIDE FROM RAILWAY CROSSING, GOVIND BAG, KOTHARIYA, RAJKOT-360006, GUJARAT-INDIA	
DATE OF REGISTRATION	07/02/2014
TITLE	ENCODER SUPPORT FOR COMPUTER NUMERIC CONTROL (CNC) MACHINE



PRIORITY NA

DESIGN NUMBER	260408
CLASS	10-06
1)DAVID STUCKEY INVESTMENTS PTY LTD, A COMPANY INCORPORATED UNDER THE LAWS OF AUSTRALIA AND HAVING ITS ADDRESS AT C/- PITCHER PARTNERS, 6TH FLOOR, 161 COLLINS STREET, MELBOURNE, VICTORIA 3000, AUSTRALIA	
DATE OF REGISTRATION	17/02/2014
TITLE	SIGNALLING RELAY FOR RAILWAY SYSTEMS
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
14251/2013	28/08/2013	AUSTRALIA



DESIGN NUMBER	261319
CLASS	25-01
1)GUNJAL VIJAY SHIVAJIRAO, AMBIKANAGAR, KOTAMGAON ROAD, A/P-LASALGAON, TAL-NIPHAD, DIST-NASHIK, STATE-MAHARASHTRA, INDIA, PIN-422306, INDIAN	
DATE OF REGISTRATION	28/03/2014
TITLE	BRICK
PRIORITY NA	

