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.

(Rajiv Aggarwal)
CONTROLLER GENERAL OF PATENTS, DESIGNS & TRADE MARKS

26th JUNE, 2015

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THE PATENT OFFICE
KOLKATA, 26/06/2015
Address of the Patent Offices/Jurisdictions

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

1	Office of the Controller General of Patents, Designs & Trade Marks, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037 Phone: (91)(22) 24123311, Fax : (91)(22) 24123322 E-mail: cgpdtm@nic.in	4	The Patent Office, Government of India, Intellectual Property Rights Building, G.S.T. Road, Guindy, Chennai – 600 032. Phone: (91)(44) 2250 2081-84 Fax : (91)(44) 2250 2066 E-mail: chennai-patent@nic.in ❖ The States of Andhra Pradesh, Telangana, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
2	The Patent Office, Government of India, Boudhik Sampada Bhavan, Near Antop Hill Post Office,S.M.Road,Antop Hill, Mumbai – 400 037 Phone: (91)(22) 24137701 Fax: (91)(22) 24130387 E-mail: mumbai-patent@nic.in ❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli	5	The Patent Office (Head Office), Government of India, Boudhik Sampada Bhavan, CP-2, Sector –V, Salt Lake City, Kolkata- 700 091 Phone: (91)(33) 2367 1943/44/45/46/87 Fax: (91)(33) 2367 1988 E-Mail: kolkata-patent@nic.in ❖ Rest of India
3	The Patent Office, Government of India, Boudhik Sampada Bhavan, Plot No. 32., Sector-14, Dwarka, New Delhi – 110075 Phone: (91)(11) 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 26/06/2015

• कार्यालयों के क्षेत्राधिकार के पते

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

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

(Rajiv Aggarwal)
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.

Early Publication:

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1382/DEL/2015 A

(19) INDIA

(22) Date of filing of Application :16/05/2015

(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD OF SELF DESTRUCTION PROGRAM ON PIRACY (SDPP)

(51) International classification	:G06F21/00
(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)Shashi Bhushan
Address of Applicant :Professor,Department of Information & Technology,Chandigarh Engineering College, Landran, Mohali-140307 Punjab India
2)Ishant Raju
3)Nishant Raju
4)Rajat Saxena
(72)**Name of Inventor :**
1)Shashi Bhushan
2)Ishant Raju
3)Nishant Raju
4)Rajat Saxena

(57) Abstract :
The present invention relates to the ideology and technique for avoiding After Installation Piracy (AIP) in software. Self Destruction Program on Piracy (SDPP) is an ideology which is designed in such a manner to protect the valuable software or application from AIP. This ideology can be integrated in the host IT product by the developer in order to protect it from AIP.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1268/DEL/2015 A
(19) INDIA
(22) Date of filing of Application :07/05/2015
(43) Publication Date : 26/06/2015

(54) Title of the invention : BOOKY-A HANDS FREE BOOK HOLDER

(51) International classification	:A47B5/02, A47B23/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GEETALI DADWAL
Address of Applicant :822, SECTOR-29 NOIDA 201301 Uttar Pradesh India
(72)**Name of Inventor :**
1)GEETALI DADWAL

(57) Abstract :
The present invention accomplishes the above-stated objectives, as well as others as per the requirements of the person / persons using it. Its main objective is to provide comfort to people who like to read, without the inconvenience of holding books/magazines, leaving their hands free to eat/drink or hold other objects This can be very useful for people who are love reading but are unable to hold books for long due to many reasons. Especially people in hospitals who are bedridden/ paralyzed, have tubes attached to their hands/arms, have plastered /bandages, are weak etc. In the hospitals lap tops & cell phones are discouraged as the Wi fi waves interfere with the different machines there and also disturbs other patients. So, reading is the best way to keep the patients occupied. Moreover many books are thick or heavy due to hard covers, and even a healthy person who is not hurt or unwell, feels uncomfortable holding the book for a long period of time. Apart from people who are unwell, other people can use this holder (Booky) , for example : many people like to read lying down on the bed. They can do so as the book holder (Booky), is adjustable according to a persons position, i.e.: sitting up, half lying, lying on their back or on their sides. Also many people work sitting on the bed, either using the lap top or studying. So, they can use the book holder (Booky), to hold their books or lap tops , while making notes with their hands. Hence, Booky will be very helpful to people who Lie down on bed and Multitask People who travel like to read to pass time. So, having wall or ceiling mounted book holders which leaves their hands free to hold cell phone or eat/drink , will be a boon. Very convenient for mothers, who can hold babies and still read, work on lap tops.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/05/2015
(21) Application No.1395/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ACCELERATING AUTOMATED TESTING

(51) International classification :G06F11/36
(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

(71)**Name of Applicant :**
1)HCL Technologies Limited
Address of Applicant :B-39, Sector 1, Noida 201301, Uttar Pradesh, India
(72)**Name of Inventor :**
1)VENKATESAN, Rajesh
2)SRINIVASAN, Kirthiga Balaji
3)SELVAN, Vidhya Muthamil
4)RAGHAVAN Madhava Venkatesh
5)NAVARASU, Sezhiyan

(57) Abstract :
System and method for accelerating automated testing is disclosed. First, a test script of a screen is recorded to identify user interface elements comprising data fields present on the screen. An input is received in the data fields. Based on the input, one or more test case templates are selected. Further, data sets and verification types required corresponding to the input are obtained. The data sets are obtained based on the one or more test case templates. The verification types are obtained from a user. Subsequently, the one or more test case templates, the data sets, and the verification types are integrated to generate an executable test case file. Based on the executable test case file, the test script is modified and further executed. Upon executing, a report is generated.

No. of Pages : 25 No. of Claims : 14

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

(21) Application No.510/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EDITING METHOD OF THE THREE DIMENSIONAL SHOPPING PLATFORM DISPLAY INTERFACE FOR USERS

(51) International classification :G06Q30/00
(31) Priority Document No :201310240039.6
(32) Priority Date :17/06/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/091037
Filing Date :31/12/2013
(87) International Publication No :WO 2014/201841
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SPREADTRUM COMMUNICATIONS (SHANGHAI) CO. LTD.
Address of Applicant :Building No.1 Spreadtrum Center Lane 2288 Zuchongzhi Road Zhangjiang High tech Park Pudongxinqu District Shanghai 201203 China
(72)**Name of Inventor :**
1)XIA Lu
2)JIN Hengzhuang
3)LIU Haipeng

(57) Abstract :
The present invention discloses an editing method of the three dimensional shopping platform display interface which belongs to the technical fields of editing method of the display interface. The three dimensional shopping platform is displayed on the mobile terminal by a three dimensional shopping platform display system. The three dimensional shopping platform display system comprises a three dimensional model. The editing method specifically includes the following steps: Step 1 the three dimensional shopping platform display system enters into the user editing mode; Step 2 the three dimensional shopping platform display system acquires the user s editing operation from the image display interface by a pointing device; Step 3 according to the editing operation the three dimensional shopping platform display system adjusts the basic data by a configure unit; Step 4 according to the modified basic data and the modified model unit the three dimensional shopping platform display system forms a new three dimensional model and displays the new image data in the image display interface. The beneficial effects of the present invention are that as follows: achieving the editability of the three dimensional shopping platform display interface for users and improving the shopping experience thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.1360/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR TESTING A COAP SERVER

(51) International classification :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 :**
1)HCL Technologies Ltd
Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar Pradesh, India
(72)**Name of Inventor :**
1)KAUSHIK, Aashish
2)SHARDA, Saurabh
3)AGARWAL, Mukta

(57) Abstract :
The present disclosure relates to system(s) and method(s) for testing a Constrained Application Protocol (CoAP) server and a plurality of resources hosted over the CoAP server. The system is configured to identify a plurality of URI links corresponding to the plurality of resources hosted over the CoAP server, wherein each URI link from the plurality of URI links is configured to store a set of parameters associated with each resource from the plurality of resources. The ˜rt™ is a field to indicate type of each resource and also to distinguish between a sleeping node resource or an non-sleeping node resource. Further, a plurality of test cases configured to test the plurality of resources is generated by sending CoAP requests messages based on the set of parameters associated with the resources and the test configuration. Finally during testing the system takes into account whether a particular resource is a sleeping-node or not.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2014
(21) Application No.2857/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : KABIR, COMBINE HARVESTER WITH STRAW MAKING MACHINE

(51) International classification :A01D39/00
(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)SURENDRA PRASAD
Address of Applicant :SURENDRA AGRO WORKS A+P.O.-MAHULI, DISTT.-SANT KABIR NAGAR, PIN-272172, U.P. (INDIA).
(72)**Name of Inventor :**
1)SURENDRA PRASAD

(57) Abstract :
This machine is use to make fodder and as well as separate food grains. It save a lot of money of farmer who has been spend their money to harvest from combine and buy straw. It is a very good alternative of combine harvester and ripper. Less fuel consuming and eco friendly machine.

No. of Pages : 29 No. of Claims : 1

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

(21) Application No.1321/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FABRICATION OF POLYMERIC DENTAL COMPOSITES BY ADDING NEW FILLER GYPSUM

(51) International classification	:A61C5/10, A61C13/15,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHIV RANJAN KUMAR
Address of Applicant :C-1056, DDA FLATS EAST OF LONI ROAD, DELHI-93 India
2)DR. AMAR PATNAIK
3)PROF. I.K. BHAT
(72)**Name of Inventor :**
1)SHIV RANJAN KUMAR
2)DR. AMAR PATNAIK
3)PROF. I.K. BHAT

(57) Abstract :
This disclosed invention is the fabrication process of a product in the field of dental composite by mean of adding a new filler Gypsum i.e. CaS04.2H20. Available dental composites consist of a polymer matrix (organic phase), inorganic filler particles (dispersed phase), a filler-matrix coupling agent (interface), and minor additives including polymerization initiators, stabilizers and coloring pigments. The Components of invention are Silane treatment of filler, Fabrication of composite, Physical, Mechanical and wear characterization of proposed composite, Performance assessment of proposed composite with respect to some of commercial composite available in market. The results of the composite materials are within the specified limit by ISO 4049 or ADA (American Dental Association) guidelines. The dental composite material is acceptable for the dentistry application both in case of human teeth as well as animal teeth also.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015
(21) Application No.1322/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EROSION WEAR RESISTANT POLYMER COMPOSITE LAMINATE FILLED WITH GRANITE POWDER WASTE

(51) International classification	:B05D3/02, B32B9/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
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(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)M.J. PAWAR
Address of Applicant :C-1056, DDA FLATS EAST OF LONI ROAD, DELHI-93 India
2)DR. AMAR PATNAIK
3)PROF. I.K. BHAT
(72)**Name of Inventor :**
1)M.J. PAWAR
2)DR. AMAR PATNAIK
3)PROF. RAVINDRA NAGAR

(57) Abstract :
This invention is the method of developing erosion wear resistant polymer composite laminate with by hand lay up method with the utilization of granite powder waste as filler material. Composite laminate is developed with layered structure of epoxy (resin + granite powder waste) and carbon fiber. Development of the composite laminates also includes the erosive wear resistance testing in the environs of the impact of sand particles along with water and comparing the wear resistance of different laminates.

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

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1210/DEL/2015 A
(19) INDIA
(22) Date of filing of Application :30/04/2015
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPLENTATION AND USAGEOF AUTOMATIC TOILET IN SOCIETY

(51) International classification	:E03D5/04, E03D5/10
(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)RINU GHOSH
Address of Applicant :SIR PADAMPAT SINGHANIA UNIVERSITY UDAIPUR-313601, RAJASTHAN, INDIA.
2)AMRIT GHOSH
3)PRASUN CHAKRABARTI
4)DEEPAK PALIWAL
(72)**Name of Inventor :**
1)RINU GHOSH
2)AMRIT GHOSH
3)PRASUN CHAKRABARTI
4)DEEPAK PALIWAL

(57) Abstract :
Government budget for building toilets for people who are below poverty line cover about 85%, of them only 40% exist. The figure stands that almost 35 million toilets does not exist till date. Defecating in the open is an unfortunate fact of life fur many poor people in India, which estimated 620 Million people defecate in open. According to Government figures, out of 880 million rural populations, 490 million have an access to toilets, which is implying that millions defecate in open despite supposedly having access to a washroom. Studies reflect - use of washroom is low st 35% in rural India, only 220 million use toilets and another 270 do not. The major problem is poor quality of the toilets and the maintenance which it requires thus people tend to go back to the old ways, when toilets are not in proper conditions, Unhygienic conditions and creating an overhead of maintaining it on the people using them arise. That is why, this proposed design of Automatic Toilet is being implemented.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2015

(21) Application No.1467/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A CONCRETE MIX

(51) International classification	:C04B20/00, C04B28/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dr. Sanjeev Naval
Address of Applicant :Associate Professor & Head , DAV Institute Of Engineering & Technology, Jalandhar Pin 144008 Punjab India
2)Nitish Gupta
3)Karan Chawla
(72)**Name of Inventor :**
1)Dr. Sanjeev Naval
2)Nitish Gupta
3)Karan Chawla

(57) Abstract :
Present invention relates to a concrete mix. More particularly, present invention relates to replacement of sand with glass in concrete mix. More particularly, present invention relates to inclusion of optical fibres in concrete mix. The concrete mix has better aesthetics and is more economical by replacing sand with crushed glass powder. The additives are obtained from waste, thereby making the product further economical.

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

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

(21) Application No.1319/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MARBLE DUST REINFORCED COPPER ALLOY COMPOSITE FABRICATION

(51) International classification	:C04B35/581, B22F3/105,
(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

(71)**Name of Applicant :**
1)SWATI GANGWAR
Address of Applicant :C-1056, DDA FLATS EAST OF LONI ROAD, DELHI-93 India
2)PROF. I.K. BHAT
3)DR. AMAR PATNAIK
(72)**Name of Inventor :**
1)SWATI GANGWAR
2)PROF. I.K. BHAT
3)DR. AMAR PATNAIK

(57) Abstract :
This invention describes the development of marble dust reinforced copper alloy (MD-SiBr) composites which are fabricated by high temperature vacuum casting machine at five different weight percentages (0 wt.-%, 2.5 wt.-%, 5wt.-%, 7.5wt.-% and 10wt.-% of marble dust) and evaluated the fracture toughness behaviour of marble dust filled copper alloy fabricated composites for single row deep groove ball bearing. The fabricated marble dust filled material is tested for assessment of mechanical performance. The tests are conducted on the test coupon according to ASTM standard. The invented material shows improvement in the mechanical properties with increase in content of marble dust addition form 0 to 10 wt. %.The mechanical properties of silicon bronze alloy composite are improved with addition of marble dust as filled material. In most of the properties maximum improvement is found in composite with less than 10 wt. % of marble dust addition (i.e. 2.5 wt. % for compressive strength, 7.5% for flexural strength and 5% for impact strength). The fracture toughness of fabricated material is increased for all the series of material fabricated by addition of marble dust.

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

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

(21) Application No.1243/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A MULTI CHAMBER ECCENTRIC LABORATORY BALL MILL FOR MECHANICAL ALLOYING

(51) International classification	:C22C19/00, B02C17/16
(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

(71)**Name of Applicant :**
1)MUHAMMED MUAZ
Address of Applicant :DEPARTMENT OF MECHANICAL ENGINEERING, ALIGARH MUSLIM UNIVERSITY, ALIGARH 202002 Uttar Pradesh India
2)AKHTER HUSAIN ANSARI
(72)**Name of Inventor :**
1)MUHAMMED MUAZ
2)AKHTER HUSAIN ANSARI

(57) Abstract :
The present invention relates to a multi-chamber eccentric laboratory ball 1nill for mechanical alloying. Three chambers are introduced in a single horizontal cylindrical vial which makes the device capable of doing mechanical alloying of more than one sample with different conditions at a time. Hence experimental time can be saved up to three folds in the said mill as compared to the available mills. Another objective of the said invention is to provide eccentricity to the cylindrical vial to impart more energy on powder particles from the grinding media, thus making the mill a high energy ball mill. Moreover arrangements are done on the said device for producing- inert gas environment into the chambers of the cylindrical vial through nozzle and valve assembly connected to each chamber of the vial. Argon gas cylinder is connected to the cylindrical vial of the said setup through pipe and gas nozzles and valve assembly from which Argon gas is introduced into the cylindrical chambers to provide inert gas environment. Powder and grinding media are charged into the cylindrical vial from the openings on each chamber. The cylindrical vial is connected to the gear box through an eccentric shaft by using a key. Torque is transmitted from motor to the shaft through belt drive.

No. of Pages : 9 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/05/2015

(21) Application No.1308/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TWO-WHEELER VEHICLE BRAKING SYSTEM

(51) International classification	:F16D65/28, B62L3/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ROHILLA, Ashish Kumar
Address of Applicant :House No. 132, Block L, Sector 11, Noida, Uttar Pradesh, India
(72)**Name of Inventor :**
1)ROHILLA, Ashish Kumar

(57) Abstract :
The present disclosure relates generally to a braking system for a two-wheeler vehicle that enables linkage between the front and rear brakes to help attain a safe braking ratio under all circumstances. In an aspect, the present disclosure provides a mechanical linkage between front and the rear brakes of a two-wheeler vehicle, wherein the linkage can be installed without removing any component of existing braking systems/architectures, and wherein the linkage can enable automatic application of brake on a second brake when brake is applied on a first brake. For instance, when front brake (for the front wheel, for instance) is applied, automatic and ideal proportional brake can be automatically applied to the rear brake (for the rear wheel, for instance), and visa versa.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/04/2015

(21) Application No.1014/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF SYNTHETIC FIBRE METAL BOARD

(51) International classification	:C04B28/00, D21J3/00
(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)Kirparam Singh
Address of Applicant :S/o Late Shri B.S. Chauhan, Rupana Paper Mills Pvt Ltd, Plot No. 264, Village-Bir Plassi Nalagarh, District Solan (Himachal Pradesh) 174101 India
(72)**Name of Inventor :**
1)Kirparam Singh

(57) Abstract :
Present invention relates to a process for preparation of synthetic fibre metal board, said process comprising: (i) cutting synthetic waste by cross cutter; (ii) treating cut waste of step (i) to obtain fibres; (iii) buffing fibres of step (ii) by hot air blower; (iv) spraying polymer resin and hardener over buffed fibres; (v) spraying a bonding chemical to prepare a fibre board sheet; (vi) placing fibre board sheet prepared in step (v) over a metal board; (vii) heating the sheet with hot hydraulic press; (viii) pressing with cold hydraulic press. The raw material is taken from synthetic waste material thereby reducing pollution. The process of present invention is therefore environment friendly and is cost effective.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.558/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR UPDATING THREE DIMENSIONAL SHOPPING PLATFORM

(51) International classification :G06Q30/00
(31) Priority Document No :201310240599.1
(32) Priority Date :17/06/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/091055
Filing Date :31/12/2013
(87) International Publication No :WO 2014/201842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SPREADTRUM COMMUNICATIONS (SHANGHAI) CO. LTD.
Address of Applicant :Building No.1 Spreadtrum Center Lane 2288 Zuchongzhi Road Zhangjiang High tech Park Pudongxinqu District Shanghai 201203 China
(72)**Name of Inventor :**
1)XIA Lu
2)JIN Hengzhuang
3)LIU Haipeng

(57) Abstract :
The present invention discloses a method for updating three dimensional shopping platform especially to a method for updating the data of the complicated display interface. The three dimensional shopping platform is displayed through a three dimensional display system on the mobile terminal shopping platform. The three dimensional shopping platform system comprises: a three dimensional model a display module a motion capturing module and a visual angle switching module. The visual angle switching module is respectively connected to the display module and the motion capturing module. The display module is defined with a predetermined size by the display module. And the method further comprises a data updating module data updating module changes with the display interface it updates the shop information and commodity information in the first display area and the second display in model unit is displayed in the display interface. The present invention technical effect are as follows: it issues the relevant information on the three dimensional shopping platform and achieves the update connection between the publishing platforms and improve the convenience and efficiency of the three dimensional shopping platform.

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/05/2015
(21) Application No.1380/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM, METHOD AND APPARATUS FOR EFFECTIVE PLAYER RATING AND DECISION MAKING (EPRDM) FOR MULTIPLAYER GAMES

(51) International classification :G09B3/00
(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)Rajinder Sandhu
Address of Applicant :Department of Computer Science and Engineering Guru Nanak Dev University, Regional Campus Gurdaspur. Punjab India
2)Sandeep Kumar Sood
(72)**Name of Inventor :**
1)Rajinder Sandhu
2)Sandeep Kumar Sood

(57) Abstract :
Multiplayer games are very competitive sport around the world which requires fully fit and quality players to be competitive at international level. Information and Communication Technology (ICT) involvement in sports has been beneficiary for team management as well as individual player performances. Published literature covers the inventions and research on many wearable devices for players and their equipments in great deal which has achieved success to large extent. But, concern of current time is systems, methods and apparatus to analyze collected data in real time from wearable devices so that effective decisions can be made. Proposed invention designed two devices which are Player Controller (PC) and Game Controller (GC) for systematically collecting and analyzing player™s Health Attributes (HAs) and Quality of Play (QoP) data. Proposed invention works in two activities known as Raw Data Analysis and Recommendations for Replacement. Former activity is performed by PC which covers the processing and analysis of raw collected data into more understandable format whereas GC performs the latter activity which uses processed data to make recommendations about replacement or selection of a player. Architecture and working of both controllers is explained in detail in this invention.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2015

(21) Application No.1177/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR ADDRESSING MALFUNCTIONS IN A SOFTWARE APPLICATION

(51) International classification :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 :**
1)HCL Technologies Ltd
Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar Pradesh, India
(72)**Name of Inventor :**
1)CHACKO, Simy
2)PONAKALA, Suresh Naidu
3)DHANYAMRAJU, S U M Prasad
4)SHOLAYAPPAN, Shiva

(57) Abstract :
The present disclosure relates to system(s) and method(s) for resolving a bug identified in a software application without use of patch release or major release. Initially a bug report is received from a target platform, wherein the bug report stores information associated with the bug identified in the software application. In the next step, the software application is analyzed to identify a component associated with the bug. Further, a set of rules and a set of actions pertaining to the component are generated, wherein the set of rules are configured to monitor parameters associated to the component, and wherein the set of actions are configured to resolve the bug identified in the component. Furthermore, a new binary snippet corresponding to the component is generated based on the set of rules and the set of actions. Finally, the new binary snippet is injected into the application binary code in order to resolve the bug in the software application.

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2014

(21) Application No.559/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DISPLAY INTERFACE CONVERTING SYSTEM AND METHOD THEREOF

(51) International classification :G06F17/30
(31) Priority Document No :201310242450.7
(32) Priority Date :18/06/2013
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/090521
Filing Date :26/12/2013
(87) International Publication No :WO 2014/201837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SPREADTRUM COMMUNICATIONS (SHANGHAI) CO. LTD.
Address of Applicant :Building No. 1 Spreadtrum Center Lane 2288 Zuchongzhi Road Zhangjiang High tech Park Pudongxinqu District Shanghai 201203 China
(72)**Name of Inventor :**
1)XIA, Lu
2)CHEN, Jiefeng
3)YANG, Xiaosi

(57) Abstract :
The present invention discloses a display interface converting system and a method thereof which belongs to the technical field of mobile terminal interface transformation. The system comprises a display interface adjustment module a storage module and a condition capturing module. The display interface adjustment module is respectively connected to the condition capturing module and the storage module. The storage module has preconfigured a transformation condition data used for adjusting the display interface of the mobile terminal operating system and has preconfigured the corresponding adjustment strategy. The method includes: transmitting the captured condition data to the display interface adjustment module by the condition capturing module; comparing the condition data with the preconfigured transformation condition data by the display interface adjustment device compares; obtaining the corresponding adjustment strategy and adjusting the display interface according to the adjustment strategy by the display interface adjustment module if the comparison is successful. The beneficial effects of this technical scheme are that as follows: it provides the user with different display interface corresponding to the different circumstances in the mobile terminal consequently the mobile terminal is more personalized and the users application experience is improved.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/06/2015
(21) Application No.1594/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DESIGN & DEVELOPMENT OF EQUIBRATED TYPE DISC FOR REGULATING TYPE GLOBE VALVES FOR LARGE SIZE AND ITS OPTIMISATION USING FEA (ANSYS))

(51) International classification	:F15C5/00, F16K99/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. GURUDUTT SAHNI
Address of Applicant :154, KAPURTHALA ROAD, NEAR PATEL CHOWK, JALANDHAR-144008 Punjab India
2)BALPREET SINGH KALRA
3)AMANDEEP SINGH
(72)**Name of Inventor :**
1)DR. GURUDUTT SAHNI
2)BALPREET SINGH KALRA
3)AMANDEEP SINGH

(57) Abstract :
New equibrated type disc for regulating type globe valve makes possible to manufacture valves sizes above 12 inches and which can bear more than 10 ton fluidic load. The conventional Globe valves as applicable product standards are commonly of plug type,flat disc or parabolic type disc as obturator in the shell of the valve and form the seating face with the body seat ring, but as the fluidic load below the disc form the upstream side increases ,it subjects to the direct load on the disc against valve closure torque which increases abruptly high. As the valve size increases for which the conventional disc get deformed as the seating force and the thrust load (through torque) are not in align with each other .The present invention of disc is in equibrated form for which the thrust (against torque) is uniformly distributed on the outer periphery of disc equally opposite to the seating face thus subject to low valve of closure torque and no hydro visible leakages.

No. of Pages : 25 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/05/2014

(21) Application No.1417/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD OF MAKING BAGS WITH VALVE FROM A WEB OF POLYMERIC WOVEN FABRIC AND BAG THEREOF

(51) International classification :B31B1/84
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)CHATURVEDI, ASHOK
Address of Applicant :305, III FLOOR, BHANOT CORNER, PAMPOSH ENCLAVE, GK-1, NEW DELHI-110048 India
(72)**Name of Inventor :**
1)CHATURVEDI, ASHOK

(57) Abstract :
A method (100) for making a flat bottom bag (800) with a valve (28) is provided. The method (100) includes overlapping and sealing the two longitudinal edges (11a and 11b) of a web (10) to form a continuous tube (12). The method includes cutting-off the continuous tube into tube pieces (14) in accordance with desired bag length such that each tube piece (14) has at least a first open end (18) and a second open end (22). The method (100) includes forming a first pair of flaps (F1, F2) and a second pair of flaps (F3, F4) on the first open end (18) and the second open end (22) respectively. The method (100) includes providing a valve (28) on the second pair of flaps (F3, F4) on the second open end (22). The method (100) includes folding and flattening both the pairs of flaps (F1, F2 and F3, F4) so that the edges of the flaps meet at the centre. The method (100) includes sealing a pre-cut cover patch (30) onto the folded and flattened pairs of flaps (F1, F2 and F3, F4) to close the open ends (18, 22).

No. of Pages : 31 No. of Claims : 12

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

(21) Application No.1455/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SYSTEM AND A METHOD FOR DETERMINING RISK ASSOCIATED WITH LUMBAR INTERVERTEBRAL DISC PROLAPSE

(51) International classification :A61B17/34
(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 :**
1)HCL Technologies Limited
Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar Pradesh, India
(72)**Name of Inventor :**
1)PALANICHAMY, Banumathi
2)THANGARAJ, Selvaraj
3)THANGARAJU, Shyam

(57) Abstract :
The present disclosure discloses device system 102 and a method for determining risk associated with lumbar intervertebral disc prolapse. The creating module 116 may create a risk-profile corresponding to each lumbar intervertebral disc of a user. The risk-profile created may comprise annulus fibrosus related data and nucleus pulposusrelated data. The receiving module 118 may receive sensor-data corresponding to one or more muscle groups of user™s interest and a lumbar region of the user. The lumbar region comprises L1 to L5 lumbar vertebrae and their adjoining IV discs. Further, the sensor-data indicates an effect of user™s activity on the lumbar region of the user. The processing module 120 may process the risk-profile and the sensor-data based on a predefined value in order to determine information pertaining to a risk associated with the lumbar intervertebral disc prolapse. Further, the information may be transmitted by the transmitting module 122 to a wearable device 104 of the user.

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

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

(21) Application No.4013/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CRAWLER COUPLING DEVICE

(51) International classification :B62D55/21
(31) Priority Document No :2013043880
(32) Priority Date :06/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/072246
Filing Date :21/08/2013
(87) International Publication No :WO 2014/136290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOMATSU LTD.
Address of Applicant :2-3-6 Akasaka Minato ku Tokyo 1078414 Japan
(72)**Name of Inventor :**
1)KITA Naoaki

(57) Abstract :
A crawler coupling device is provided with a first crawler link (21) a second crawler link (31) a master pin (22) a rotation stop pin (25) and a snap ring (26). The master pin (22) is inserted into first and second through holes (21a 31a). In the master pin (22) an insertion hole (22b) is formed. The rotation stop pin (25) is pressed into the insertion hole (22b) and both ends thereof protrude from the master pin (22). The snap ring (26) has a C shape has a larger outer diameter than the first through hole (21a) and is located on the opposite side to the second crawler link (31) with respect to the first through hole (21a) and attached to the master pin (22). A groove (31b) has a width narrower than the diameter of the master pin (22). The rotation stop pin (25) is disposed within the groove (31b).

No. of Pages : 31 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015
(21) Application No.4014/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ROLLER WHEEL FOR TRACK BELT TYPE TRAVELING VEHICLE

(51) International classification :B62D55/14
(31) Priority Document No :2013126347
(32) Priority Date :17/06/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/054867
Filing Date :27/02/2014
(87) International Publication No :WO 2014/203563
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOMATSU LTD.
Address of Applicant :2-3-6 Akasaka Minato ku Tokyo 1078414 Japan
(72)**Name of Inventor :**
1)KITA Naoaki

(57) Abstract :
Provided is a roller wheel for a track belt type traveling vehicle the roller wheel being configured so that a bearing for supporting a roller shell has a long life. A roller wheel for a track belt type traveling vehicle is provided with: a shaft (24) which has a cylindrical outer peripheral surface; a roller shell (23) which is disposed so as to circumferentially surround a part of the outer peripheral surface of the shaft (24) and which has an annular end surface and a cylindrical inner peripheral surface which faces the outer peripheral surface; a collar which is affixed to the shaft (24) and which has an annular facing surface which faces the end surface; a radial slide bearing (25) which is disposed between the outer peripheral surface and the inner peripheral surface; and a thrust slide bearing (26) which is disposed between the end surface and the facing surface. The thrust slide bearing ((26) is provided as a separate body from the radial slide bearing (25). The roller wheel is provided with a rotation prevention structure which prevents the thrust slide bearing (26) from rotating relative to the roller shell (23).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/05/2015

(21) Application No.1435/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THERMAL SHEET

(51) International classification	:B21D39/03, B60R13/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ROHILLA, Ashish Kumar
Address of Applicant :House No. 132, Block L, Sector 11, Noida, Uttar Pradesh, India
(72)**Name of Inventor :**
1)ROHILLA, Ashish Kumar

(57) Abstract :
The present disclosure relates to an apparatus that can maintain a required thermal condition of an object for a period of time. The apparatus comprises a thermal sheet having thickness nearly same as a blanket and incorporates a pipe to circulate a fluid. The thermal sheet can be used in combination with a Thermal Energy Reservoir (TER) that can be configured with a thermally insulated chamber to hold a thermal reservoir substance kept in the thermally insulated chamber. A pump can circulate the fluid through a second pipe placed in the thermally insulated chamber and thereafter through the pipe in the thermal sheet. A hot reservoir substance (heat source) can provide heating effects and a cold reservoir substance (heat sink) can likewise be used to provide a cooling effect. Thus the thermal sheet has the capability to keep a body at a required thermal condition (high or low temperature) for a period of time.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.4121/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : UTILITY VEHICLE

(51) International classification :F02D29/02,E02F9/24,F02D17/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/081757
Filing Date :26/11/2013
(87) International Publication No :WO 2014/184978
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOMATSU LTD.
Address of Applicant :2-3-6 Akasaka Minato ku Tokyo 1078414 Japan
(72)**Name of Inventor :**
1)UCHIYAMA Kou

(57) Abstract :
This utility vehicle comprises a vehicle body an implement an engine an idling stop execution unit and an orientation determination unit. The implement is provided to the vehicle body and comprises a boom provided so as to be able to be driven in a vertical direction an arm which is drivably provided to the boom and a bucket which is fitted to the tip of the arm. The idling stop execution unit can stop the engine while it is idling. The orientation determination unit determines whether there is a possibility that the bucket may interfere with the vehicle body on the basis of the orientation in which the implement has stopped. The idling stop execution unit does not stop the engine if the orientation determination unit determines that there is a possibility that the bucket may interfere with the vehicle body and stops the engine if it is determined that there is no such possibility.

No. of Pages : 88 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015

(21) Application No.4122/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HYDRAULIC SHOVEL

(51) International classification :E02F9/00,B60K11/04,F01P3/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/082538
Filing Date :04/12/2013
(87) International Publication No :WO 2014/181490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOMATSU LTD.
Address of Applicant :2-3-6 Akasaka Minato ku Tokyo 1078414 Japan
(72)**Name of Inventor :**
1)YOTSUZUKA Hironori

(57) Abstract :
Provided is a hydraulic shovel such that it is possible to dispose a cooling device in the vicinity of a cab rear wall without compromising the performance of the cooling device. A cab rear wall (20) includes an upright wall section (21) that extends in the vertical direction and an inclined wall section (22) that is connected to the upper edge of the upright wall section (21) and inclines upwards and to the rear from the upper edge of the upright wall section (21). The outer surface of an oil cooler (60) that serves as a cooling device includes a front surface (66) that faces the upright wall section (21) and extends in the vertical direction and an inclined surface (67) that is connected to the upper edge of the front surface (66) and inclines upwards and to the rear from the upper edge of the front surface (66). The inclined wall section (22) has one edge that is connected to the upright wall section (21) and another edge on the opposite side from the one edge and the upper edge of the front surface (66) of the oil cooler (60) is positioned lower than the height of the other edge. The angle (a) formed by the upright wall section (21) and the inclined wall section (22) is greater than or equal to the angle () formed by the front surface (66) and the inclined surface (67).

No. of Pages : 34 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/05/2015

(21) Application No.1483/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ONE-TIME PROGRAMMABLE (OTP)/ READ ONLY (RO) DATA STORAGE DEVICE

(51) International classification	:G11C13/02, G11C17/14,
(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

(71)**Name of Applicant :**
1)HCL Technologies Limited
Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar Pradesh, India
(72)**Name of Inventor :**
1)SADASIVAM, Siva Sakthivel

(57) Abstract :
A One-Time Programmable (OTP)/Read Only (RO) data storage device is disclosed. The OTP/RO data storage device comprises a One-Time Programmable (OTP)//Read Only (RO) memory, an interface and a controller. The OTP/RO memory stores data. The interface connects the OTP/RO memory to a host device. The controller allows the host device to read the data and restricts the host device to write new data in the OTP/RO memory, via the interface.

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/05/2015
(21) Application No.1320/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GRANITE POWER REINFORCED HYDRAULIC TURBINE BLADES

(51) International classification :F03B3/12
(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

(71)**Name of Applicant :**
1)VIKASH GAUTAM
Address of Applicant :C-1056, DDA FLATS EAST OF LONI ROAD, DELHI-110093 India
2)PROF. I.K. BHAT
3)DR. AMAR PATNAIK
(72)**Name of Inventor :**
1)VIKASH GAUTAM
2)PROF. I.K. BHAT
3)DR. AMAR PATNAIK

(57) Abstract :
This invention is the fabrication of granite powder reinforced aluminum alloy composites using stir casting technique. Slurry erosion test is performed on fabricate composites and the results for wear resistance are obtained as erosion rate for operating parameters such as impact velocity, impingement angle and slurry concentration. The invention helps stone industries to minimize the issue of dumping, granite waste. The invention also helps hydraulic turbine manufacturer in terms of development of low cost material for turbine blade.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2015

(21) Application No.1096/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DRAINAGE DECANTATION & DISINFECTION PROCESS

(51) International classification :C02F9/00
(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)DARYANA THAKUR DAS
Address of Applicant :VIRENDRA KUTI 22, SARASWATI KUNJ, SARASWATI PURAM, RAE BARELI ROAD, NEAR S.G.P.G.I. LUCKNOW - 226014 UTTAR PRADESH, INDIA
(72)**Name of Inventor :**
1)DARYANA THAKUR DAS

(57) Abstract :
Surface Water Drains running as open drains are carrying lot of polluted waste water almost in every part of the country. These drains would generally carry dry weather flow in dry season added with storm water flow during the rainy season. The intensity of pollution is significant during the dry season, and it gets diluted in the rainy season. As per present day practice flow from these drains is often tapped into sewer lines and diverted to the Sewage Treatment Plants. In some cases more precisely in most cases the tapping and diversion has often been associated with problems of distance and the availability of route for diversion to reach the Sewage Treatment Plant. This aspect of the issue has been so great that a sizeable part of the river pollution is caused by open drains discharging into rivers at different reaches. In this invention, attempt has been made to make available a viable solution for Spot Treatment of the Drainage (flow) before its outfall into a river or any other water body. The issue has been addressed by giving a compact relevant and purpose specific method of treatment occupying a small space generally available anywhere around the Drainage outfalls.

No. of Pages : 8 No. of Claims : 5

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

(21) Application No.1363/DEL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A CONTEXT AWARE SUGGESTION

(51) International classification :G06N99/00
(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)HCL Technologies Limited
Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar Pradesh, India
(72)**Name of Inventor :**
1)KANAKADANDI, Satya Sai Prakash
2)DHANYAMRAJU, S U M Prasad

(57) Abstract :
Disclosed is a method and system for providing a context aware suggestion. In one aspect, the method comprises generating one or more hash indexes associated with a primary user based on primary user data and generating a hash matrix associated to the primary user based on the primary user data, one or more secondary users associated to the primary user data, and the one or more hash indexes. The method further comprises, developing a master list based on the one or more hash indexes and creating a primary user persona associated to the primary user based on the master list and organization data. The method furthermore comprise providing a context aware suggestion to the primary user in response to a text input from the primary user, wherein the context aware suggestion is based on the primary user persona and the hash matrix.

No. of Pages : 21 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(21) Application No.1364/DEL/2015 A
(19) INDIA
(22) Date of filing of Application :15/05/2015
(43) Publication Date : 26/06/2015

(54) Title of the invention : ADAPTIVE WEARABLE SMART FABRIC

(51) International classification :A61B5/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HCL Technologies Ltd
Address of Applicant :B-39, Sector 1, Noida 201 301, Uttar Pradesh, India
(72)**Name of Inventor :**
1)DURBHAKA, Gopi Krishna
2)KANAKADANDI, Satya Sai Prakash
3)DHANYAMRAJU, S U M Prasad

(57) Abstract :
The present disclosure discloses an adaptive wearable smart fabric. The adaptive wearable smart fabric may comprise sensors being accelerometer sensor, load sensor and pulse sensor. The accelerometer sensor and load sensor are adapted to sense the posture data and movement data of the user of an adaptive wearable smart fabric. The sensors are coupled with microcontroller that captures the sensed data and determines the posture based on analytic model. The microcontroller may be further coupled with PID controller and air pump which may inflate and deflate the air diaphragm placed within the fabric. The inflation and deflation of air diaphragm is dynamically controlled to provide comfort to the user of an adaptive wearable smart fabric.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/05/2015
(21) Application No.4124/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OPERATOR PROTECTIVE GUARD CABIN FOR WORK MACHINE WITH GUARD AND WORK MACHINE

(51) International classification :E02F9/16
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/059490
Filing Date :29/03/2013
(87) International Publication No :WO 2014/155659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOMATSU LTD.
Address of Applicant :2-3-6 Akasaka Minato ku Tokyo 1078414 Japan
(72)**Name of Inventor :**
1)SASAKI Makoto
2)NAGANO Masahiro

(57) Abstract :
Provided is an operator protective guard for which the strength thereof can be ensured and which is readily machined and assembled. A front guard (100) comprises a plurality of first plate members (110) and second plate members (200) each comprising one plate. The first plate members (110) and the second plate members (120) are assembled in a lattice shape such that a first longitudinal direction (DR1) of each of the first plate members (110) and a second longitudinal direction (DR2) of each of the second plate members (120) intersect. The plurality of first plate members (110) are arranged radially as viewed in the longitudinal direction. The plurality of second plate members (120) are arranged radially as viewed in the longitudinal direction. Slits are formed in the first plate members (110) and the second plate members (120) are fitted into the slits and fixed by welding.

No. of Pages : 41 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2014

(21) Application No.1961/MUM/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONNECTORS OF SOLDERING & CRIMPING TYPE FOR AIRBORNE APPLICATIONS

(51) International classification	:H01R13/53, H01R13/00
(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)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC), HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION
Address of Applicant :HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR (MIG), NASIK-422207, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)POONAM SHRIVASTAV, DGM (D-INDG)
2)K S GARUD, MANAGER (D-INDG)
3)PRADNYA JAGTAP, DY. MANAGER (D-INDG)

(57) Abstract :
The invention relates to design, development and manufacture of connectors of crimping and soldering for airborne applications. Connectors of soldering and crimping types are used on Fighter aircraft. Due to delayed delivery and increased cost and supply of material, the fleet was badly affected and hence item falls under Critical requirement. M/s. Amphenol Interconnect Pvt. Ltd, Pune was identified as a consultant to identify improved, low cost and more reliable version connectors. Plug shell & Receptacle shell materials, insulating material and conducting materials required for fabrication of connectors were identified and following testing were carried out to know the design and reliability of the connectors. Contact resistance test, Insulation resistance test, Insulation strength test, High temperature test, Low temperature test High altitude test, Humidity test, Vibration stability test, Vibration strength test, Impact overload test, Linear acceleration test. Linear acceleration test, Contact insertion/removal test, Current load test,Durability test Contact retention test connector mating/demating test ,Crimping test, Ozone exposure, Resistance to solvents. This has overcome the failures and shortages of both soldering and crimping type of connectors and thus able to meet the requirements of IAF. The successful development of connectors has helped to sustain the fleet serviceability and maintenance of aircraft and thus becoming self-reliant.

No. of Pages : 9 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2014
(21) Application No.1962/MUM/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DESIGN, DEVELOPMENT OF SILICON BASED CANOPY SEALING HOSE FOR MILITARY AIRCRAFT

(51) International classification	:B64D 27/00
(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)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC), HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION
Address of Applicant :HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR (MIG), NASIK-422207 (MAHARASHTRA), INDIA
(72)**Name of Inventor :**
1)SHRIVASTAV POONAM DGM (D-INDG)
2)SAUNDANKAR HITENDRA MANAGER (D-INDG)

(57) Abstract :
Canopy sealing hose of military aircraft is used for providing airtight joint of aircraft cockpit, whenever canopy is closed, locked, and hose is in inflated condition. This military aircraft is twin seated, air superiority interceptor having capability of engaging aerial targets during day & night. Also powered by twin engine system. Canopy sealing hose is designed to round out with the Introduction of N2 at pressure of 2 Kg/cm2 to form tight barrier between mounting and sealing surface. Upon introduction of inflation by N2, it quickly expands and provides positive sealing. When the inflation pressure is removed, sealing hose retracts naturally to deflated mould configuration and this provides clearances for free movement of one or both the surfaces. Efforts had been made to develop and manufactured a Canopy sealing hose from silicon rubber and synthetic fabric. Test schedule includes few additional product oriented/end use/flight tests considering the various aspect of airworthiness. Satisfactory evaluations have validated the effectiveness of development. Airworthiness clearance was accorded for use of Indigenous canopy sealing hose manufactured and supplied by M/s Elastomeric Engg, Salem, Tamilnadu.

No. of Pages : 15 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2014

(21) Application No.1963/MUM/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LOW ALLOY STRUCTURAL STEEL.

(51) International classification	:C21D8/02, C22C38/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC), HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION
Address of Applicant :DESIGN INDIGENISATION (D-INDG), HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR (MIG), NASIK 422207 (MAHARASHTRA), INDIA
(72)**Name of Inventor :**
1)POONAM SHRIVASTAV DGM (D-INDG)
2)RAJEEV KUMAR MANAGER (D-INDG)

(57) Abstract :
Low alloy structural steel is basically Si-Cr-Mn steel. This steel is manufactured in Induction furnace and subsequently followed by refining both by VOD/AOD and by ESR technology. Low alloy structural steel has been developed in mill form of hot rolled & cold drawn Round bar and evaluated against HAL Test specification No. TS/IND/MAT/SL/002-87, AML-1 & AML-2. Apart from aviation application, this material can also be used for GHE, Navy and Space application. Motto for the indigenous development of this steel is Self reliance, Maintenance of aircraft, Expansion and Development of technology based in India, Earning of foreign exchange or enhancing export potential. Design Indigenisation, HAL Nasik Division has been start one step and design the material specification against HAL Test specification No. TS/IND/MAT/SL/002-87, AML-1 & AML-2 and manufactured through indigenous source, M/s Star Wire (India) Limited. M/s Star wire (India) Limited, one of the leading Mini steel plant is engaged in the manufacturing of Alloy Steels, Stainless Steels for diversified engineering application in shape of castings, forging and rolled products. Plant is fully equipped with modern equipments and testing facilities, which have created confidence and ability for manufacturing various sophisticated grades of steel confirming to international and national standards. Basic Test of this material is evaluated in the Central laboratories, HAL Nasik. Tests were conducted in the semi finished condition and finished condition. Steel passes through different heat treatment cycle. Chemical composition, Mechanical properties, Macro & Micro examination, Non metallic inclusion, Hardenability test Apart from passing the basic qualification test, this alloy has been also passed in the Fatigue test, Fracture Toughness, Stress Corrosion cracking etc. Along with HAL (ND), RCMA (N) and DGAQA (N) have been involved during the entire process of development of Low Alloy Structural Steel through design and type test evaluations.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2014
(21) Application No.1960/MUM/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HYDRAULIC FILTER ELEMENT FOR AIRBORNE APPLICATIONS

(51) International classification	:B01D 46/00	(71)**Name of Applicant :** **1)AIRCRAFT UPGRADE RESEARCH & DESIGN CENTRE (AURDC), HINDUSTAN AERONAUTICS LIMITED,** Address of Applicant :DESIGN INDIGENISATION DEPT HINDUSTAN AERONAUTICS LIMITED, NASIK DIVISION, OJHAR TOWNSHIP POST OFFICE, OJHAR (MIG), NASHIK-422207, MAHARSHTRA, INDIA.
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)POONAM SHRIVASTAV DGM (D-INDG)**
(62) Divisional to Application Number	:NA	**2)RAHUL KHANUJA SR. MANAGER (D-INDG)**
Filing Date	:NA	**3)PRASAD K CHAVAN MANAGER (D-INDG)**

(57) Abstract :
The hydraulic system of aircraft requires different type and size of filter for cleaning the hydraulic oil. The purpose of filters is to remove mechanical impurities generated in the system due to various reasons such as wear & tear, ingress of dust from outside during service usage. Filter element that as integral part of filter is made of stainless wire mesh and is re-usable after cleaning till the media integrity remains intact. An effort has been made for Design & development of filter elements as their consumption is significantly high due to prolong usage as well as damage of wire mesh in handling while removal of it from housing for periodical maintenance. Accordingly filter element, part No. HAL(NK)-FIL-04-0003 was designed alongwith CVRDE, Chennai to comply airworthiness requirements. Accordingly preliminary drawing & Qualification Test schedule were prepared considering the various aspects of end use. Prototype filter element, part No. HAL(NK)-FIL-04-003 was manufactured by M/s Bhagwati Filters Pvt. Ltd, Ahmedabad. Qualification testing of proptorype were carried out at CVRDE, Chennai and found satisfactory for airborne use.

No. of Pages : 6 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2015

(21) Application No.2067/MUM/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INDIGENOUSLY MANUFACTURED NASAL IMPLANTS SUITABLE FOR INDIAN DEMOGRAPHY

(51) International classification	:A61M5/31, A61F2/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dr. Rashmi V. Uddanwadiker
Address of Applicant :Assistant Professor, Department of Mechanical Engineering, Visvesvaraya National Institute of Technology, Nagpur Maharashtra India
(72)**Name of Inventor :**
1)Dr. Rashmi V. Uddanwadiker
2)Mr. Nikhil Adhe
3)Mr. Adwait Inamdar
4)Mr. Saurabh Shende
5)Dr. Subhash Narayan Lulay

(57) Abstract :
Present invention provides specially designed, developed and indigenously manufactured Nasal Implants for Indian Demography. A low cost, biocompatible nose implant is fabricated and the manufacturing process is standardized to suit the Indian face morphology. These implants are used by ENT surgeons and Plastic surgeons in Augmentation Rhinoplasty surgery for the correction of depressed nose. Two aspects were taken into account namely the customization of implants that suit the Indian face morphology and reduction of cost. Within their ambit several problems with existing methods of hand carving of implants from a silicone block by doctors themselves as well as the problems related to the design and cost effectiveness of the imported ones were solved.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015
(21) Application No.2273/MUM/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : REFRIGERATOR-HEAT PUMP MODEL APPROACH FOR PROCESS START UP OF RENEWABLE ENERGY (RE) PROJECTS

(51) International classification :F25B13/00
(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)SUBRAMANYA DATTATREYA SANBHAT
Address of Applicant :SHANTISAGAR SOC., SECTOR 10, JN-4/5/3, VASHI 400703 NAVI MUMBAI Maharashtra India
(72)**Name of Inventor :**
1)SUBRAMANYA DATTATREYA SANBHAT

(57) Abstract :
Energy is the key building block for the socio-techno-economic growth of any nation. Today the entire world is facing energy crisis at an alarming rate that has affected serious socio-techno-economic impediments for many a developing nations like India. The proposed Process Model draws on evidence from the last four decades of energy production and consumption that has caused the universe (our, system + surrounding) to move to a state of higher and still higher entropy and analyzing the overview on evolution of the much needed renewable energy status and further its potential at national and global level. It also explores the strength, weakness, opportunities and threats (SWOT) of renewable energy sector in India. Further, the frequent barriers and adopted solutions thereof to the start-up of renewable energy development in India were also outlined prior to applying for grant of patent for the said proposed Process Model, based on natural laws of thermodynamics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/06/2015

(21) Application No.2196/MUM/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPRESSED AIR AND ELECTRIC VEHICLE

(51) International classification	:B60T8/40
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)Swapnil A Dahake
Address of Applicant :Near renuka provision, samarthwadi, Yavatmal- 445001 Maharashtra India
2)Pranav Giri
(72)**Name of Inventor :**
1)Swapnil A Dahake
2)Pranav Giri

(57) Abstract :
The present invention relates to an systems and methods for the eco-friendly, cost effective, easy maintenance hybrid vehicle employing both an compressed gas powered engine and an electric motor as sources of torque to drive the vehicle. Day by day inventions are done on to generate pollution free and on efficient devices. In market there are so many appliances which use natural sources as energy source. In this particular vehicle we are going to modify the present compressed and electric vehicle. Here we are combining the compressed and electric vehicle with special arrangement. This special arrangement generates some electricity to run the car. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the diagram for arrangement of the hybrid vehicle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/06/2015

(21) Application No.2309/MUM/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LIQUID VAPORIZER OPERATING ON HEAT OBTAINED FROM FLAME BY COMBUSTION OF FUEL.

(51) International classification	:F02M31/18, F23D11/44
(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 :**
1)ABHIJIT KISHOR BHAND
Address of Applicant :BEHIND KANDA MARKET, KHILARI NAGAR, WARD NO.6, SHRIRAMPUR-413709, DIST: AHMEDNAGAR, MAHARASHTRA, INDIA.
Maharashtra India
(72)**Name of Inventor :**
1)ABHIJIT KISHOR BHAND

(57) Abstract :
This invention is one type of liquid vaporizer, which operates on heat, produced from any type of fuel. It does not require electricity or battery for its working. It can be used in wide range, for vaporization of various liquids. It can be used for vaporization of liquid mosquito repellents. Due to this use of carbon emitting mosquito repellent coils and hazardous creams can be reduced or stop. This invention can operate on waste heat. Due to this, it can install on any flame, which is working for another purpose, like gas burner flame works for cooking. Connecting this instrument with vapor detecting device, we can use it for indicating safe level of temperature for particular part of any machine, by using relativity between that part and point of vaporization of liquid which is going to be used. It has low cost and long life as compared to electronic liquid vaporizer.

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/06/2015

(21) Application No.2260/MUM/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONVERSION OF IRON SLUDGE INTO IRON

(51) International classification	:C01G 49/00	(71)**Name of Applicant :** **1)NISARG D. PATEL**
(31) Priority Document No	:NA	Address of Applicant :16, ARYAN BUNGLOWS,
(32) Priority Date	:NA	JASHODANAGAR, AHMEDABAD, Gujarat India
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)NISARG D. PATEL**
Filing Date	:NA	
(87) 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 :
This process describes the conversion of industrially reduced Iron Powder into Pig Iron. The Iron sludge treated here, comes under the Hazardous Waste category 26 (i), which is under strict supervision of disposal. The experiments performed during conversion of Iron Powder into Pig Iron involves a technique which yields absolutely Zero Percent pollutant in Environment. The issues arising with the release of Volatile Organic Compounds from the sludge treatment is also recovered back during the process to its Purest form. This technique of conversion of Reduced Iron back to Pig Iron hence involves Zero Emission of pollutants and also recovers back the Volatile Organic Compounds that are mixed with the sludge.

No. of Pages : 17 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/10/2014
(21) Application No.3329/MUM/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SOLAR MULTIPURPOSE HANDCART FOR HAWKERS

(51) International classification	:H02S30/20, F25D11/00
(31) Priority Document No	:1222/mum/2014
(32) Priority Date	:29/03/2014
(33) Name of priority country	:India
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:1222/mum/2014
Filed on	:01/01/1900
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. BASAVRAJ SHANTARAM KOTHAVALE
Address of Applicant :HEAD, MECHANICAL DEPARTMENT, MIT-COLLEGE OF ENGINEERING, KOTHRUD,PUNE- 411 038 Maharashtra India
2)MR. YOGESH SANJAY KUTE
(72)**Name of Inventor :**
1)DR. BASAVRAJ SHANTARAM KOTHAVALE
2)MR. YOGESH SANJAY KUTE

(57) Abstract :
Refrigerated storage, which is believed to be best method for storing the fruits and vegetables in fresh form, is not available in rural or remote locations or even while portable condition where grid electricity is almost not available. So, without having a conventional energy source at these areas, the present invention design and fabricate a solar PV powered refrigeration system to attain favorable conditions for vegetables. As farming is a main occupation in many countries and preserving their vegetables for longer time in fresh condition is also a challenge to farmers and also to street hawkers. This invention is made to contribute in the field of refrigeration and heating at same time which runs on photovoltaic solar panel in result a cooled box and a hot box for preserving food, vegetables, fish, meat, cold drinks etc. also the released heat is used for keeping a hot box hot. In hot box a hawker can preserve his hot products ready to sale at any time while on hawking this is extra earning business for a vegetable hawker. As solar energy is used here, so no need to pay the electricity bill, also minimum maintenance and better results; otherwise which is not bearable to street vegetable seller.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/06/2014
(21) Application No.1870/MUM/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HARNESS-LESS ELECTROMAGNETIC THREAD LIFTING DEVICE FOR JACQUARD WEAVING

(51) International classification	:D03C3/00, D03C3/20, D03C13/00
(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 :**
1)PRASAD P. SHIMPI
Address of Applicant :304, ANAND PLAZA, OPP. NAVAPURA POLICE STATION, R.V.DESAI ROAD, BARODA, PIN - 390001, GUJARAT, INDIA
(72)**Name of Inventor :**
1)PRASAD P. SHIMPI

(57) Abstract :
The present invention relates to the field of weaving machines and more specifically to harness-less electromagnetic thread lifting device for jacquard weaving which comprises mainly the parts; metallic strip, support rod on which the electromagnets are mounted, lifter head.and support tube for power supply and horizontal support of device to keep device in exact position for incoming lifter head.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2995/CHE/2015 A
(19) INDIA
(22) Date of filing of Application :16/06/2015
(43) Publication Date : 26/06/2015

(54) Title of the invention : FABRICATION OF PRINTED CIRCUIT BOARD USING HYBRID OF PUNICA GRANATUM AND CALOTROPIS GIGANTEA REINFORCED COMPOSITES

(51) International classification :C08L
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)DEVARAJAN, CHANDRAMOHAN
Address of Applicant :ASSOCIATE PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, VELTECH, AVADI, CHENNAI - 600 062, Tamil Nadu India
(72)**Name of Inventor :**
1)DEVARAJAN, CHANDRAMOHAN

(57) Abstract :
Now a days the, high rate of depletion of petroleum resources and new environmental regulations have forced the search for new composites and green materials, compatible with the environment. Moreover P^{o}nica gran¡tum and Calotropis Gigantea fibers are waste product. In recent years, scientists and engineers have been working together to use the inhernt strength and performance of the fibers and nanoparticles in combination with natural green polymers to produce a new class of bio-based composites The invention disclosure the advantages offered by renewable resources for the development of composite materials based on bio polymer and parti^{3}les of natural fibers P^{o}nica gran¡tum and Calotropis Gigantea are fabricated using molding method. This invention focuses on establishment of superior mechanical and material properties of the hybrid composite In this disclosure , flexurai rigidity test, tensile test, impact test hardness and thermal property of hybrid composite at dry and wet conditions have been reported. The disclosure includes the process to make the composite and Printed Gircuit Board and also the variety of products in automotive, furniture, upholstery, house hold goods and computer goods.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2015

(21) Application No.2996/CHE/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LUGGAGE CARRIER FOR A TWO WHEELER

(51) International classification :B62J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)THAIKATTIL JOSE
Address of Applicant :THAIKATTIL HOUSE, OLLUKARA P.O., THRISSUR - 680 655, Kerala India
(72)**Name of Inventor :**
1)THAIKATTIL JOSE

(57) Abstract :
This invention provides a luggage carrier for a two-wheeler, having a seat capable of being fitted on to jaw of the spring-loaded clamp of the luggage carrier and wherein means are provided for steadying the jaw with the attached seat in the closed position of the clamp of the carrier.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/06/2015

(21) Application No.2997/CHE/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTEGRATED DAM AUTOMATION SYSTEM (IDAS)

(51) International classification :G05B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)S.DURAIRAJ
Address of Applicant :ASSISTANT PROFESSOR, DEPARTMENT OF MECHATRONICS ENGINEERING, K S RANGASAMY COLLEGE OF TECHNOLOGY, TIRUCHENGODE - 637 215, NAMAKKAL(DT). Tamil Nadu India
(72)**Name of Inventor :**
1)S.DURAIRAJ
2)M.ILANGKUMARAN
3)J.R.SUNIL KANNAN
4)S.NANDHAKUMAR
5)P.SARAVANA KUMAR
6)S.NATRAYAN

(57) Abstract :
Integrated Dam Automation System (IDAS) is intended to be an appropriate option to meet out the existing challenges of dam operating system. The system is incorporated into Programmable Logic Controller (PLC), Distributed Control System (DCS) and Supervisory Control and Data Acquisition (SCADA) technology. The PLC is used to control the gate valve position of dam through the measurement of water level in the dam. DCS is utilized to get continuous monitoring and data acquisition of the working condition of the dam. The main function of the proposed model is to automate the dam channel gate operation in accordance with the presence of water level in different dams using DCS to centralize th system. The flow of water is measured frequently using water flow measurement sensors in both the case of the inlet and outlet of the dam. The concept of PLC will eradicate the occurrence of failure and improve the precisi³n of flow of water resource in the proper manner. The main reason for using PLC is to achieve various functions and controls like gate control, level measurement and automatic start/stop sequencing and instrumentation also possible in a protected way. This project is made to ensure the use of PLC and DCS to control and automate the dam in a high accuracy rate. To enhance the reliability and safety procedures of the dam, it is very important to collect dam operational data in real time monitoring system and such case, here the DCS to be enclosed with this project. The remote DCS is incorporated with the data like flow rate, temperature and water , level by the help of various sensor installations. The acquisition of data from remote DCS unit is directed to centralize SCADA will help for future consideration and also gives feedback to work with the PLC system to alter its operation in proper sequence to avoid accidents and failures. The SCADA system of this project will stores the data of sequence and various parameters of the dams at different places are collected from each DCS, in a very rapid manner to achieve perfection and full utilization of water resource. As IDAS, is an integrated system of many dams in a centralized station, therefore the system in need to achieve quick transfer of PLC and DCS data to the centralized system, which triggers the main control of the dam. The transfer of information and controlling signal is done by using satellite communication (GPRS or GSM system). The receiver end present in the dam will be actuated by means of controlling signal transferred from centralized dam controlling station (SCADA to Remote DCS). This ensures that an emerging new technological development and could raise the technological infrastructure of the dam.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/11/2014
(21) Application No.5602/CHE/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INCREASING THE EFFICIENCY OF SOLAR PANNEL

(51) International classification :F24J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KR. PADMA KUMAR
Address of Applicant :634, VELLALAR WEST STREET, KRISHNAN KOIL, NAGERCOIL, KANYAKUMARI DISTRICT, PIN: 629 001 Tamil Nadu India
(72)**Name of Inventor :**
1)KR. PADMA KUMAR

(57) Abstract :
The sunrays are made to fall on the parabolic dish, the parabolic dish is coated with reflecting material having high reflecting index the parabolic dish is mounted on the angular rotation stand and now the concendrated solar rays are made to fall on the borosilicate glass which has the properity to allow only the photons and it does not allow the heat radiation to pass through it now the solar rays which only contains the photons is made to fall on solar pannel because the solar pannel only recquires only the photons for the conversion light energy in to electrical energy but their is an great dis advantage that when the borosilicate glass break down the entire concendrated solar rays falls on the solar pannel which results in the permanent damage of the solar pannel this defect can be rectified by proceeding a theoretical calculation for the estimation of thick ness of the borosilicate glass depending up on the diameter of the para -bolic dish,size of the solar pannel, type of the solar pannel used instead of using borosilicate glass we can use a water spraying system to reduce the heat radiation passing through the pannel and the electricity recquired for the water spraying mechanism is supplied by the solar pannel

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2015
(21) Application No.3051/CHE/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD OF PROCESSING STANDARDIZED COCONUT INFLORESCENCE SAP (NEERA) WITH IMPROVED SHELF LIFE

(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

(71)**Name of Applicant :**
1)COCONUT DEVELOPMENT BOARD
Address of Applicant :P.B NO. 1021, KERA BHAVAN, NEAR SRV HIGH SCHOOL, KOCHI - 682 011, Kerala India
(72)**Name of Inventor :**
1)ANNIE EAPEN
2)PRASEETHA KOTTAKADUPARMBU CHAMU
3)ANEETA JOY
4)SUMI SANKARANKUTTY NAIR

(57) Abstract :
The present invention relates to a method of processing standardized coconut inflorescence sap (Neera) with an imprpved shelf life of 3 to 8 months. It comprise of : a) harvesting of sap from inflorescence in clean cans which contain Anti Ferment Solution (AFS); b) transportation of the can containing inflorescence sap to the processing plant in thermally insulated ice boxes;c) storing the same in chilled condition (<10°C) in the processing plant;d) checking the pH, Brix and organoleptic properties of each can to ensure quality; e) filtration using normal sieve to remove large particles;f) checking pH of the combined lot and stabilization of pH at 5.2 to 5.3 using citric acid, if pH is higher; g) removing of suspended parti³les through double centrifugation in a centrifuge at 15,000 rpm; h) pasteurization of Neera at 83°C to 87°C for 15 minutes and i) packing the pasteurized Neera aseptically, in pre sterilized bottles made of food grade material.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2015
(21) Application No.1399/CHE/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RAMAN'S REACTION EQUATIONS FOR PRODUCING 'HYDRALCOLS' (WATER CONVERTED TO ALCOHOLS)

(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 :**
1)T.P.K. RAMAN
Address of Applicant :#401, 8-A MAIN, HRBR-I BLOCK, KALYAN NAGAR POST, BANGALORE - 560037 Karnataka India
(72)**Name of Inventor :**
1)T.P.K. RAMAN

(57) Abstract :
The present invention comprises two Chemical Equations called Ramans Reaction Equations for Converting Water to Alcohols, called Hydralcols.The new ±ame HYDRALCOLS is derived from Hydra means water and alcols for alcohols. There are two types of Alcohols produced hereMonohydric and Polyhydric -and accordingly two Chemical Equations involved. In both cases the Reactants are same, namely: Carb³n, Hydrogen andWater. The producs obtained may be either type ³f Alcohols, Monohydric or Polyhydric or both, according to the conditions of the reactions. The products of both reactions are Alcohols and will be a mixture of them and henee the ±ame Hydralcols stands for a mixture of Monohydric Alcohols, or of Polyhydric Alcohols or of both Monohydric and Polyhydric alcohols. Additional products may also be formed during the reactions in the form of Isomers which nave the same Molecular Formulae of Alcohols but different Structural Formulae, especially Ethers. But the formation of Ethers can be minimized by setting the Conditions of the reaction in a favourabl manner to Alcohols, as per the given Specifications for performing the Art, by fixing the number of atoms of reactants. However, the main products obtai¬ned are Alcohols, a mixture of both Monohydric and polyhydric Alcohols, called as Hydralcols.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/03/2015

(21) Application No.1139/CHE/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PRODUCT FILTER MATRIX BASED ON ROLE PARAMETERS FOR E-COMMERCE PORTALS

(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)NAVIN KAMATH
Address of Applicant :A-1/12, FLAT 3, 23RD CROSS STREET, BESANT NAGAR, CHENNAI-600090 Tamil Nadu India
(72)**Name of Inventor :**
1)NAVIN KAMATH

(57) Abstract :
The present invention provides a product filter parameter and its attributes in a matrix format. The filter parameters and product attributes are arranged in rows and columns respectively. The product parameters are represented by thumb nails/Icons. A 7X8 product filter matrix is displayed which captures role based on Gender and Age Groups, Category, Brand, etc., which is mapped to Roles. The matrix further ensures that lower level attributes are automatically filtered based on primary higher level Parameters at Sub Category and Product type level. Brands with logos are populated based on role and user preferences. An improved usability and display of relevant product is achieved in search without the necessity of scrolling mechanism. The product filter matrix further eliminates clutter of products displaying only the relevant product on a Single Large View Layout with Product Details.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2014
(21) Application No.1792/CHE/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ALL WHEEL TURN USING SPHERICAL WHEEL IN 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

(71)**Name of Applicant :**
1)PANKAJ KUMAR
Address of Applicant :RATU-KATHITAR, S/O MR. SHIV NARAYAN PRASAD, RADIO STATION ROAD, P.O-RATU, RANCHI - 865 222 Jharkhand India
(72)**Name of Inventor :**
1)PANKAJ KUMAR

(57) Abstract :
A process of using spherical wheel in an automobile car to turn all four wheels using steering. This would facilitate vehicle to be driven in any direction between 0° to 360°. Sensor attached to wheel detects the speed of the vehicle and therefore programmed switch functions to activate or deactivate All Wheel Turn. With the activation of All Wheel Turn switch speed can get locked to lesser than X kmph and this will allow an option to turn all four wheel of vehicle in one direction and therefore vehicle can move within controlled speed in required direction without risk. X is variable, used here for speed value.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2015

(21) Application No.1991/CHE/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A MICROALGAL HARVESTING SYSTEM

(51) International classification :C25B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)NATIONAL INSTITUTE OF OCEAN TECHNOLOGY
Address of Applicant :National Institute of Ocean Technology Ministry of Earth Sciences (MoES), NIOT Campus, Velachery-Tambaram Road, Narayanapuram, Pallikaranai PO, Chennai 600100 Tamil Nadu, India
(72)**Name of Inventor :**
1)RAMALINGAM KIRUBAGARAN
2)KEPPAYAN THIRUPATHI
3)MALAYATH ARAVINDAKSHAN ATMANAND
4)GOPAL DHARANI
5)NAMBALI VALSALAN VINITHKUMAR
6)JOSEPH MARY THILAKAM LEEMA
7)DAHASSIAH MAGESH PETER

(57) Abstract :
A system for segregating microalgae from a medium containing microalgae comprises an electrolytic cell configured to perform electrolysis of the medium containing microalgae. The electrolytic cell comprises a container configured to contain the medium containing microalgae, an anode and a cathode spaced apart in the container and immersed in medium containing microalgae. The microalgal harvesting system also comprises a solar power generator to generate and supply electrical power to a charge controller. The microalgal harvesting system also comprises a converter configured to convert A.C. electrical power from a grid to D.C. electrical power, and a battery bank configured to receive D.C. electrical power from the charge controller and the converter and supply said D.C. electrical power to the anode and the cathode of the electrolytic cell.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2015

(21) Application No.631/KOL/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A DEVICE FOR VISUAL DETECTION OF BILIRUBIN.

(51) International classification :G01N21/31
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT//
Filing Date :01/01/1900
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY, GUWAHATI
Address of Applicant :Indian Institute Of Technology Guwahati, Guwahati -781039, Assam, India.
(72)**Name of Inventor :**
1)CHATTOPADHYAY, Arun;
2)PAUL, Anumita;
3)BASU, Srestha;
4)SAHOO, Amaresh Kumar;

(57) Abstract :
The present invention discloses a diagnostic device or kit for visual detection of bilirubin. Said diagnostic device or kit comprises chitosan stabilized gold nanoclusters based luminescence source, Cu2+ ions source for quenching luminescence intensity of said gold nanoclusters and recovery of quenched luminescence intensity in the presence of bilirubin. The said device enables non-invasive detection of hyperbilirubinemia by thumb impression visually or from blood serum.

No. of Pages : 28 No. of Claims : 14

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.1010/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 26/06/2015

(54) Title of the invention : FORMULATION OF MULTIPLE UNIT TABLET OF PANTOPRAZOLE

(51) International classification	:A61K47/32	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)VIPIN SAINI**
(32) Priority Date	:NA	Address of Applicant :MAHARISHI MARKANDESHWAR
(33) Name of priority country	:NA	UNIVERSITY, MULLANA, AMBALA 133207 Haryana India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)VIPIN SAINI**
(87) 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 multiple-unit tablet dosage forms, which is composed of several subunits (multiparticulates/pellets). Each small multiparticulates further composed of many layers. Some layer contains drug substance; others are rate controlling polymer.The resulting multiple-unit tablet dosage forms of pantoprazole were satisfactory fabricated. Pelletization technique has some advantages over coated tablet formulation. In coated tablet the coating may be damaged and a pinhole possibly formed that would result in increase release of drug in stomach and may be deactivated in stomach juices. If the coat of some pellets may be damaged that would not affect the release properties of the multiple-unit tablet. Hence they are beneficial in this aspect. The results confirmed the successful preparation of stable and bioequivalent once daily controlled release multiple-unit tablets of pantoprazole.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2013

(21) Application No.1028/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DYNAMIC SELECTION OF A BANDWIDTH MODE

(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
Address of Applicant :3, avenue Octave Grard, F-75007 Paris France
(72)**Name of Inventor :**
1)VYSYARAJU, Kasi

(57) Abstract :
The methods and systems for dynamic selection of bandwidth mode are disclosed. The method comprises providing a list having a plurality of bandwidth modes to a user device (102). The plurality of bandwidth modes is available to a user for communicating over the communication network (104). The method further comprises receiving a mode request from the user device (102) to allocate a desired bandwidth mode from among the plurality of bandwidth modes. The mode request includes user selection of the desired bandwidth mode. The method further comprises determining whether the user is allowed to select the desired bandwidth mode. Further, the method comprises updating, based on the determining, a quality of service (QoS) to allocate the desired bandwidth mode to the user device (102) for communication over the communication network (104).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1028/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM SGW TERMINAL COMMUNICATION METHOD AND CONTROL METHOD

(51) International classification	:H04W68/00,H04W36/02,H04W36/12
(31) Priority Document No	:2013-105981
(32) Priority Date	:20/05/2013
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2014/002456 :09/05/2014
(87) International Publication No	:WO 2014/188673
(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)NEC CORPORATION
Address of Applicant :7-1, Shiba 5 chome Minato-ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)OKABE Junya
2)TAMURA Toshiyuki

(57) Abstract :
A bearer management device that performs control to reliably receive an incoming packet call that is made while a mobile terminal device is moving is provided. A bearer management device (10) includes an incoming call control unit (11) that in the case where a mobility management device (30) manages a location of a mobile terminal device (40) as a result of movement of the mobile terminal device (40) whose location has been managed by a mobility management device (20) suspends processing of an incoming call to the mobile terminal device (40) made during movement of the mobile terminal device (40) until receiving a notification about completion of movement of the mobile terminal device (40) from the mobility management device (30) and resumes incoming call processing to the mobile terminal device (40) after receiving a notification about completion of movement of the mobile terminal device (40) from the mobility management device (30).

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1051/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HYDRAULIC BRAKE SYSTEM FOR ELEVATOR

(51) International classification :B66B5/16,B66B5/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/049302
Filing Date :02/08/2012
(87) International Publication No :WO 2014/021896
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OTIS ELEVATOR COMPANY
Address of Applicant :Ten Farm Springs Road Farmington Connecticut 06032 U.S.A.
(72)**Name of Inventor :**
1)STRBUNCELJ Zlatko

(57) Abstract :
A braking system for an elevator includes a brake disc and one or more sets of brake calipers interactive with the brake disc. A hydraulic brake unit is operably connected to the one or more brake calipers. The hydraulic brake unit includes one or more valves to control hydraulic fluid flow during engagement of the brake calipers to the brake disc. An elevator includes a car one or more sheaves and a suspension member connected to the car and routed over the sheaves. A machine drives motion of the elevator car. A braking system located at the machine includes a brake disc and one or more brake calipers. A hydraulic brake unit is operably connected to the brake calipers and includes one or more valves to control hydraulic fluid flow during engagement of the brake calipers to the brake disc.

No. of Pages : 22 No. of Claims : 24

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

(21) Application No.1009/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FORMULATION OF MULTIPLE-UNIT TABLET OF ACECLOFENAC

(51) International classification :A61K9/52
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)VIPIN SAINI
Address of Applicant :MAHARISHI MARKANDESHWAR UNIVERSITY, MULLANA, AMBALA (HARYANA) 133207
(72)**Name of Inventor :**
1)VIPIN SAINI

(57) Abstract :
The present invention relates to multiple-unit tablet dosage forms which are composed of small beads. Each small bead further composed of many layers. Some layer contains drug substance; others are rate controlling polymer. Multiple-unit tablet dosage form offered more advantages over monolithic dosage form because they can provide controlled release and targeted release within the gastrointestinal tract. The advantages of controlled release multiple-unit tablet formulations are well known and include the ability to maintain a desired blood concentration level for a prolonged period of time while increasing patient compliance by reducing the frequency of dose administration necessary to achieve the same. The resulting multiple-unit tablet dosage forms of aceclofenac were satisfactory fabricated.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/04/2013

(21) Application No.1027/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SOCIAL REAL-TIME FLIGHT INFORMATION SYSTEM

(51) International classification :G08G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)GUPTA, Venus
Address of Applicant :House No 30, Ist floor, Sukh Vihar, Near Preet Vihar Metro Station, New Delhi, 110051 (INDIA).
(72)**Name of Inventor :**
1)GUPTA, Venus

(57) Abstract :
A method for tracking real-time flight status information and delivering the information to a user via a plurality of modes. The user requests an information repository to track the real-time flight status information via a communication mode, stating the flight number and at least one content delivery modes. The information repository then delivers the real-time flight status information to the user via multiple modes that inform not just the user but also external service providers including, but not limited, to social network connections, taxi service providers, hotel pick-ups etc.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1027/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PROCESSING AUDIO INPUT STATE SENDING END DEVICE AND RECEIVING END DEVICE

(51) International classification :H04N7/15
(31) Priority Document No :201210292191.4
(32) Priority Date :16/08/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/081577
Filing Date :15/08/2013
(87) International Publication No :WO 2014/026625
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road SouthHi Tech Industrial Park Nanshan District Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)LI Junrong

(57) Abstract :
Disclosed are a method for processing an audio input state a sending end device and a receiving end device. The method comprises: a sending end device acquiring audio input state information from the sending end device wherein the audio input state information comprises: ON state or OFF state; and the sending end device sending the audio input state information to a receiving end device. By the use of the present invention the problem in the related art that there is no system for processing the voice input state of a sending end at a receiving end which makes it difficult for a user to distinguish which users are speaking causes the occurrence of some unfriendly events and degrades the user experience is solved. It is allowed that a receiving end device can know the current voice input states of other user equipments and know the current speaker clearly making a meeting interface more friendly and improving the user experience.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1050/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TANDEM AXLE SYSTEM

(51) International classification :B60K17/36
(31) Priority Document No :61/692292
(32) Priority Date :23/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/056310
Filing Date :23/08/2013
(87) International Publication No :WO 2014/031916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DANA HEAVY VEHICLE SYSTEMS GROUP LLC
Address of Applicant :3939 Technology Drive P.O. Box 1000 Maumee OH 43537 U.S.A.
(72)**Name of Inventor :**
1)ZIECH James F.
2)REMBOSKI Donald J.
3)NELLUMS Richard A.
4)PASSINO Benjamin J.
5)COCHRAN Stephen C.
6)EDELEN Stephen A.

(57) Abstract :
A tandem axle system has a forward axle system and a rear axle system. A method of selectively driving one or both of the axle systems described.

No. of Pages : 47 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1078/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF N (PHOSPHONOMETHYL)GLYCINE

(51) International classification :C07F9/38,A01N57/20
(31) Priority Document No :12176751.1
(32) Priority Date :17/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065122
Filing Date :17/07/2013
(87) International Publication No :WO 2014/012988
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STRAITMARK HOLDING AG
Address of Applicant :Bundesplatz 1 CH 6300 Zug Switzerland
(72)**Name of Inventor :**
1)BURCK Sebastian
2)NOTT‰ Patrick

(57) Abstract :
The present invention is related to a new method for the synthesis of N- (phosphonomethyl)glycine or one of its derivatives selected from the group consisting of its salts, its phosphonate esters and its phosphonate ester salts, comprising the steps of: a) forming a reaction mixture comprising an acid catalyst, N,N- bis(carboxymethyl)-2,5-diketopiperazine and a compound comprising one or more P-O-P anhydride moieties, wherein said moieties comprise one P atom at the oxidation state (+1 11) and the other P atom at the oxidation state (+1 11) or (+V), to form N,N-bis(phosphonomethyl)-2,5- diketopiperazine, its dehydrated forms or their phosphonate esters; b) hydrolyzing the reaction mixture to form N-(phosphonomethyl)glycine or one of its derivatives selected from the group consisting of its salts, its phosphonate esters and its phosphonate ester salts.

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

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

(21) Application No.1007/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HERBAL FORMULATION OF SOLANUM KHASIANUM, CLARKE AND USES THEREOF

(51) International classification :A61K33/26
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VIPIN SAINI
Address of Applicant :MAHARISHI MARKANDESHWAR UNIVERSITY, MULLANA, AMBALA (HARYANA)-133207
2)SANJAY PRABHAKR WATE
3)VIPIN BIHARI GUPTA
4)RANDHIR SINGH DAHIYA
5)RAVDEEP SAINI
6)KISHORE PANDURANG BUSARI
(72)**Name of Inventor :**
1)VIPIN SAINI
2)SANJAY PRABHAKR WATE
3)VIPIN BIHARI GUPTA
4)RANDHIR SINGH DAHIYA
5)RAVDEEP SAINI
6)KISHORE PANDURANG BUSARI

(57) Abstract :
The present invention relates to an herbal extract Solanum khasianum, Clarke. for anti-inflammatory, anthelmintic and antimicrobial activities. The ethanolic extract of Solanum khasianum, Clarke. was tested for anti-inflammatory, anthelmintic and antimicrobial activities. Anti-inflammatory activity was tested in carrageenan induced rat hind paw edema method and cotton pellet granuloma at two dose level of 200 mg/kg and 400 mg/kg respectively, Diclofenac sodium (100 mg/kg) was used as reference standard. The anti-inflammatory activity of the extract was compared with standard and control. The anthelmintic activity of the extract was tested on Tape worm, Liver fluke, Thread worm and Hook worm using two different concentrations, 100 mg/ml and 200 mg/ml. Time taken for the paralysis and death was noted and compared with the standard drug. Piperazine citrate 15 mg/ml was used as the standard. Antimicrobial activity was done by agar cup plate method at a concentration of 5 mg/ml of the extract, using fluconozole as the standard. The organisms used were Aspergillus niger and Candida albicans and the zone of inhibition was determined.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1029/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WIND POWER PLANT CONTROL SYSTEM WIND POWER PLANT INCLUDING WIND POWER PLANT CONTROL SYSTEM AND METHOD OF CONTROLLING WIND POWER PLANT

(51) International classification :F03D7/04,F03D7/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/DK2012/050296
Filing Date :15/08/2012
(87) International Publication No :WO 2014/026689
(61) 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)BABAZADEH Mehrdad
2)NAYEBI Kouroush

(57) Abstract :
The invention relates to a wind power plant control system arranged for controlling one or more wind turbine generators in a wind power plant wherein the wind power plant control system comprises a power plant controller and a modeling unit the modeling unit being operatively coupled to the power plant controller. The modeling unit is arranged to calculate estimated values of electrical output parameters from the one or more wind turbine generators and to output said estimated values to the power plant controller. The power plant controller is arranged for determining reference signals for dispatching to the one or more wind turbine generators wherein the estimated values of said electrical output parameters are used by the power plant controller in the determination of said reference signals. The invention also relates to a corresponding method of controlling a wind power plant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1053/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE ATTRACTION AND REPULSION OF INSECTS

(51) International classification :A01N43/40
(31) Priority Document No :61/684242
(32) Priority Date :17/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/055330
Filing Date :16/08/2013
(87) International Publication No :WO 2014/028835
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OLFACTOR LABORATORIES INC.
Address of Applicant :1650 Spruce Street 5th Floor Riverside California 92507 U.S.A.
(72)**Name of Inventor :**
1)BROWN Michelle Ardella
2)LOMELI Martin Antonio Jr.
3)ELKASHEF Samer
4)ZION Tricia
5)FRUTOS Ulises

(57) Abstract :
The present invention provides insect attractants and repellents as well as methods of trapping and/or altering the behavioral patterns of vector pests such as mosquitoes and other hematophagous pests.

No. of Pages : 116 No. of Claims : 85

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1079/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF AMINOALKYLENEPHOSPHONIC ACID

(51) International classification :C07F9/38,C07F9/572,C07F9/6506
(31) Priority Document No :12176753.7
(32) Priority Date :17/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065121
Filing Date :17/07/2013
(87) International Publication No :WO 2014/012987
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STRAITMARK HOLDING AG
Address of Applicant :Bundesplatz 1 CH 6300 Zug Switzerland
(72)**Name of Inventor :**
1)BURCK Sebastian
2)LECLERCQ Cdric
3)NOTT‰ Patrick

(57) Abstract :
The present invention is related to a method for the synthesis of an ammoalkylenephosphomc acid or its phosphonate esters comprising the following steps: a) forming, in the presence of an aldehyde or ketone and an acid catalyst, a reaction mixture by mixing a compound comprising at least one HNRR 2 moiety or a salt thereof, with a compound having one or more P-O-P anhydride moieties, said moieties comprising one P atom at the oxidation state (+IP) and one P atom at the oxidation state (+IP) or (+V), wherein the ratio of moles of aldehyde or ketone to N-H moieties is 1 or more and wherein the ratio of N-H moieties to P-O-P an - hydride moieties is 0.3 or more and, b) recovering the resulting ammoalkylenephosphomc acid comprising compound or its pilosphonate esters.

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2015

(21) Application No.1016/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AMMONIA STORAGE STRUCTURE AND ASSOCIATED SYSTEMS AND METHOD

(51) International classification :C01C1/00
(31) Priority Document No :12305993.3
(32) Priority Date :09/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/066768
Filing Date :09/08/2013
(87) International Publication No :WO 2014/023840
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AAQIUS & AAQIUS SA
Address of Applicant :Rue du Nant 8 c/o Firel & Mandaco SA CH 1207 Geneve Switzerland
(72)**Name of Inventor :**
1)DEMENTHON Jean Baptiste
2)LEVY Michael Francis

(57) Abstract :
Ammonia storage structure characterized in that it comprises an alternation: - of at least one ammonia storage layer and of at least one layer of a thermally conductive material of a thermal conductivity higher than that of the storage layer the at least one layer of thermally conductive material being intended to increase heat transfers within the structure.

No. of Pages : 45 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1039/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOVABLE PRESSING AND LIGHT SHIELDING MECHANISM FOR DIGITAL STEREO IMAGE PRINTING AND METHOD THEREFOR

(51) International classification :G03B27/58
(31) Priority Document No :201210253334.0
(32) Priority Date :20/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/079652
Filing Date :19/07/2013
(87) International Publication No :WO 2014/012512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHANGHAI YIYING DIGITAL TECHNOLOGY CO. LTD.
Address of Applicant :No. 167 Lane 1776 South Hongmei Road Minhang District Shanghai 200237 China
(72)**Name of Inventor :**
1)GU Jinchang

(57) Abstract :
A movable pressing and light shielding mechanism for digital stereo image printing comprises a base (1) portal frames (2) a photosensitive platform (3) and exposure system equipment (4). The base (1) is provided with a recess inside which the photosensitive platform (3) is disposed. There are two portal frames (2) provided in parallel. The two portal frames (2) are fixed on the base (1) and a sliding rail (22) is arranged between said two frames. A screw rod is arranged in the sliding rail (22). One end of the screw rod is connected with a motor (12). The motor (12) is connected with the exposure system equipment (4). The top surface of the exposure system equipment (4) is connected with the screw rod. A laser scan line opening is arranged on the bottom surface of the exposure system equipment (4). An optical grating pressing mechanism (31) and an optical grating pressing plate are provided on the photosensitive platform (3). The exposure system equipment (4) is operated synchronously with the optical grating pressing mechanism (31) and the optical grating pressing plate and the stereo printing is completed by moving the photosensitive platform (3). The mechanism has the advantage of a sound structure stable performance and colorful stereoscopic image printing.

No. of Pages : 28 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1063/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LIGHT GUIDE PLATE COMPRISING DECOUPLING ELEMENTS

(51) International classification :G02B6/00,F21V8/00
(31) Priority Document No :12180247.4
(32) Priority Date :13/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/066687
Filing Date :09/08/2013
(87) International Publication No :WO 2014/026918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER MATERIALSCIENCE AG
Address of Applicant :51368 Leverkusen Germany
(72)**Name of Inventor :**
1)F„CKE Thomas
2)BRUDER Friedrich Karl
3)HAGEN Rainer
4)WALZE G¼nther
5)R–LLE Thomas
6)BERNETH Horst
7)H–NEL Dennis
8)WEISER Marc Stephan
9)HOHEISEL Werner

(57) Abstract :
The invention relates to a planar light distribution module for a display comprising a light guide plate through which light that can be coupled via at least one lateral surface can propagate by means of total reflection and comprising at least one planar decoupling system (2) which is mounted on one or both main surfaces of the light guide plate (1) is in optical contact with said plate and contains a plurality of holographic optical elements (13) which are designed in such a way that they can decouple light from the light guide plate (1). The light distribution module is characterised in that the holographic optical elements (13) independently of one another extend by at least 300 µm along at least one spatial axis running parallel to the surface of the decoupling system (2). The invention also relates to an optical display in particular an electronic display the holographic optical elements (13) independently of one another having a surface that is 1.5 times greater than the pixels of the liquid crystal module.

No. of Pages : 48 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1089/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING A TIRE WITH AN INFORMATIVE LABEL AND TIRE PROVIDED WITH SUCH A LABEL

(51) International classification :B65C3/00,G09F3/10,G09F3/02
(31) Priority Document No :2009540
(32) Priority Date :28/09/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050689
Filing Date :26/09/2013
(87) International Publication No :WO 2014/051429
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APOLLO TYRES GLOBAL R&D B.V.
Address of Applicant :Colosseum 2 NL 7521 PT Enschede Netherlands
(72)**Name of Inventor :**
1)WIELENS Marcus Hendrikus Maria
2)DOUMA Andr
3)ATTEMA Sytze
4)SNIJDERS Bart
5)HOUWERS Christi

(57) Abstract :
The invention relates to a method for providing a tire with an informative label. The method comprises supporting a tire supplying a banding material to the tire and wrapping it in a loop around a part of the tire holding the banding material at the neck of said loop and connecting opposed areas of the banding material at said neck to form a label wrap. The invention further relates to an apparatus for carrying out the method and to a tire provided with the label. The informative label is easily removed by a mechanic and shows an improved processability and printability. The informative label further does not leave any adhesive or other residuals on a tire.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1046/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD OF TREATING ANDROGEN RECEPTOR (AR) POSITIVE BREAST CANCERS WITH SELECTIVE ANDROGEN RECEPTOR MODULATOR (SARMS)

(51) International classification :A01N37/34
(31) Priority Document No :61/671366
(32) Priority Date :13/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/029667
Filing Date :07/03/2013
(87) International Publication No :WO 2014/011220
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GTX INC.
Address of Applicant :175 Toyota Plaza 7th Floor Memphis TN 38103 U.S.A.
(72)**Name of Inventor :**
1)DALTON James T.
2)STEINER Mitchell S.
3)NARAYANAN Ramesh
4)AHN Sunjoo

(57) Abstract :
This invention relates to the treatment of androgen receptor-positive breast cancer in a subject, for example a female subject. Accordingly, this invention provides methods of: a) treating a subject suffering from breast cancer; b) treating a subject suffering from metastatic breast cancer; c) treating a subject suffering from refractory breast cancer; d) treating a subject suffering from AR-positive breast cancer; e) treating a subject suffering from AR-positive refractory breast cancer; f) treating a subject suffering from AR-positive metastatic breast cancer; g) treating a subject suffering from AR-positive and ER-positive breast cancer; h) treating a subject suffering from triple negative breast cancer; i) treating a subject suffering from advanced breast cancer; j) treating a subject suffering from breast cancer that has failed SERM (tamoxifen, toremifene), aromatase inhibitor, trastuzumab (Herceptin, ado-trastuzumab emtansine), pertuzumab (Perjeta), lapatimb, exemestane (Aromasin), bevacizumab (Avastin), and/or fulvestrant treatments; k) treating, preventing, suppressing or inhibiting metastasis in a subject suffering from breast cancer; 1) prolonging survival of a subject with breast cancer, and/or m) prolonging the progression-free survival of a subject with breast cancer; comprising administering to the subject a therapeutically effective amount of a selective androgen receptor modulator (SARM) compound, comprising administering to the subject a therapeutically effective amount of a SARM compound of this invention.

No. of Pages : 164 No. of Claims : 81

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1070/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SENSOR HAVING MULTIPLE MAGNET BLOCKS OF UNEVENLY DISTRIBUTED MAGNETIC FLUXES IN HOUSING

(51) International classification	:B62M6/50,G01D5/244,G01P3/481
(31) Priority Document No	:201210263503.9
(32) Priority Date	:28/07/2012
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2013/076773 :05/06/2013
(87) International Publication No	:WO 2014/019405
(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)CHENGDU KUANHE TECHNOLOGY CO. LTD.
Address of Applicant :Room 301 3rd Floor Building A10 Chengdu Economic Development Zone No.888 2nd section Chenglong Avenue Damian Street Longquanyi Chengdu Sichuan 610000 China
2)GAO Song
3)OUYANG Yanxiong
(72)**Name of Inventor :**
1)HUANG Qiang

(57) Abstract :
A sensor having multiple magnetic blocks of unevenly distributed magnetic fluxes in a housing comprising sequentially connected a sensing element a power assist model processor (21) a digital to analog converter (27) and an operational amplifier (28). The sensing element comprises a rotating disk (1) and an annularly grooved fixed disk (40) fitted therewith. Fixedly arranged on the rotating disk (1) are multiple permanent magnet blocks (2) in a circular annular distribution and at least two of the permanent magnet blocks (2) are different in magnetic fluxes. On a certain side of the rotating disk (1) the magnetic polarities of adjacent permanent magnet blocks (2) are opposite that is the magnetic polarities of all of the permanent magnet blocks (2) on the certain side of the rotating disk (1) are distributed in a pattern of N pole S pole N pole¦; a Hall element (3) on the fixed disk (40) is arranged at a position in proximity to the permanent magnet blocks (2). The N-S distribution of the magnetic polarities of the permanent magnet blocks (2) allows the Hall element (3) to acquire a rectangular wave signal and to add a digital processing for setting a power assist model to allow for expression of the positions of the permanent magnet blocks (2) on the rotating disk (1) and to determine the uses of different rectangular waves; the relative positions of the permanent magnet blocks (2) and of the Hall element (3) are fixed and signal output is reliable.

No. of Pages : 58 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1095/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONTROL SYSTEM AND INFORMATION PROCESSING DEVICE

(51) International classification :G07G1/12,G07G1/14
(31) Priority Document No :2012-225864
(32) Priority Date :11/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005946
Filing Date :04/10/2013
(87) International Publication No :WO 2014/057646
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SEIKO EPSON CORPORATION
Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku Tokyo 1630811 Japan
(72)**Name of Inventor :**
1)TAKASU Kazuhiro
2)TSUTSUMI Koichiro

(57) Abstract :
The purpose of the present invention is to make it possible for devices to be used from a plurality of terminals by exploiting the ability of the terminals to use the devices. A control system (1) is provided with: a first tablet terminal (101) (terminal) on which a web browser runs; devices (DV) for outputting data that is input into the web browser or for inputting data that is output from the web browser; and a printer (11) provided with a device communication unit for communicating device input/output data with the devices a terminal communication unit for communicating the device input/output data with the terminals and a device management unit (20d) for managing associations between the first tablet terminal (101) and the devices (DV).

No. of Pages : 37 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1022/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPOSITION COMPRISING A PESTICIDAL TERPENE MIXTURE AND A BIOLOGICAL CONTROL AGENT

(51) International classification :A01N27/00,A01N63/00,A01N63/04
(31) Priority Document No :12181642.5
(32) Priority Date :24/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067260
Filing Date :19/08/2013
(87) International Publication No :WO 2014/029747
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER CROPSCIENCE AG
Address of Applicant :Alfred Nobel Str. 50 40789 Monheim Germany
(72)**Name of Inventor :**
1)HELLWEGE Elke
2)ANDERSCH Wolfram
3)STENZEL Klaus

(57) Abstract :
The present invention relates to a composition comprising a) a pesticidal terpene mixture comprising, as pesticidally active chemical compounds, a-terpinene, p-cymene and limonene and b) at least one biological control agent selected from specific microorganisms and/or a mutant of it having all identifying characteristics of the respective strain, and/or a metabolite produced by the respective strain that exhibits activity against insects, mites, nematodes and/or phytopathogens in a synergistically effective amount. Furthermore, the present invention relates to the use of this composition as well as a method for reducing overall damage of plants and plant parts.

No. of Pages : 73 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1045/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ENERGY SAVING ENVIRONMENTAL PROTECTION APPARATUS FOR COMMUNICATION SYSTEM DEVICE

(51) International classification :H02N3/00
(31) Priority Document No :201220407020.7
(32) Priority Date :16/08/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/080146
Filing Date :25/07/2013
(87) International Publication No :WO 2014/026534
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE Plaza Keji Road South Hi Tech Industrial Park Nanshan Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)SHAO Liqun
2)TIAN Hong
3)ZHANG Tianpeng
4)ZHANG Zhifeng
5)LIU Bin
6)CHENG Junping
7)WANG Gang
8)YU Fei
9)LI Liguo

(57) Abstract :
An energy saving environmental protection apparatus for a communication system device comprising: a thermoelectric conversion module (2) which is arranged at the surface or vicinity of a high power module of a communication system device for converting the heat energy of the high power module into electric energy; and an electrical storage apparatus (3) which is connected to the thermoelectric conversion module directly or via a changeover switch (5) for being charged using the electric energy supplied by the thermoelectric conversion module. The energy saving environmental protection apparatus can effectively convert the heat energy in a communication system device into electric energy which will be recovered and stored for being used by a required device and reduces the heat energy of the device released to outside.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1071/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POWER ASSISTED BICYCLE USING SENSOR HAVING MULTIPLE MAGNETIC BLOCKS OF UNEVENLY DISTRIBUTED POSITIONS AND MAGNETIC FLUXES IN HOUSING

(51) International classification :B62M6/50,G01D5/244,B62M6/55
(31) Priority Document No :201210263504.3
(32) Priority Date :28/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/076822
Filing Date :05/06/2013
(87) International Publication No :WO 2014/019413
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHENGDU KUANHE TECHNOLOGY CO. LTD.
Address of Applicant :Room 301 3rd Floor Building A10 Chengdu Economic Development Zone No.888 2nd section Chenglong Avenue Damian Street Longquanyi Chengdu Sichuan 610000 China
2)GAO Song
3)OUYANG Yanxiong
(72)**Name of Inventor :**
1)HUANG Qiang

(57) Abstract :
A power assisted bicycle using a sensor having multiple magnetic blocks unevenly distributed in a housing. The sensor comprises sequentially connected a sensing element a power assist model processor (21) a digital to analog converter (27) and an operational amplifier (28). The sensing element comprises a rotating disk (1) a fixed disk (40) and embedded within a cavity of the rotating disk and of the fixed disk permanent magnet blocks (2) and a Hall element (3). Arranged on the rotating disk (1) are the multiple permanent magnet blocks (2) that are opposite in adjacent magnetic polarities and different in both spacing intervals and magnetic fluxes. The hall element (3) on the fixed disk (40) is arranged at a position in proximity to the permanent magnet blocks. The sensor is sleeved on the exterior of a central shaft (51) of the bicycle. The operational amplifier (28) is connected to a motor controller (29). Advantages: the relative positions of the permanent magnet blocks (2) and of the Hall element (3) are fixed the Hall element (3) is allowed to acquire a rectangular wave signal thereby facilitating the sensor to output via digital processing an artificially set power assist model power assist starting point ending point and reasonable power thus allowing for optimal matching between human and machine and achieving the effect of electricity conservation.

No. of Pages : 68 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1101/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FABRIC CARE COMPOSITION

(51) International classification :C11D1/02,C11D1/38,C11D1/66
(31) Priority Document No :12184483.1
(32) Priority Date :14/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/US2013/059572
Filing Date :13/09/2013
(87) International Publication No :WO 2014/043423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)SAVEYN Pieter Jan Maria
2)DEMEYERE Hugo Jean Marie

(57) Abstract :
An aqueous fabric care composition used to provide in wear comfort and avoiding a sweat smell on the fabric. The composition comprises from 0 wt% to 5 wt% of anionic surfactant from 0 wt% to 3 wt% of cationic surfactant from 0.05 wt% to 3 wt% of a non ionic surfactant from 0.01 wt% to 15 wt% of a suds suppressor technology perfume.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2015

(21) Application No.1011/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INORGANIC HYDROPHILIC SELF CLEANING COATINGS

(51) International classification :C09D1/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/050293
Filing Date :10/08/2012
(87) International Publication No :WO 2014/025356
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EMPIRE TECHNOLOGY DEVELOPMENT LLC
Address of Applicant :2711 Centerville Road Suite 400 Wilmington Delaware 19808 U.S.A.
(72)**Name of Inventor :**
1)CARLSON William Brenden
2)SJONG Angele
3)WAN Feng
4)LONDERGAN Timothy

(57) Abstract :
Hydrophilic coating compositions and methods to make and use the compositions are disclosed. The compositions may include at least one metal organic oxide and at least one inorganic photocatalytic pigment. The metal organic oxide may contact the inorganic photocatalytic pigment non covalently. A coating composition may be applied to a substrate to coat the substrate.

No. of Pages : 24 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1033/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FUEL INJECTION VALVE

(51) International classification :F02M51/06,F02M51/08,F02M61/18
(31) Priority Document No :2013-093180
(32) Priority Date :26/04/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/060671
Filing Date :15/04/2014
(87) International Publication No :WO 2014/175112
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI AUTOMOTIVE SYSTEMS LTD.
Address of Applicant :2520 Takaba Hitachinaka shi Ibaraki 3128503 Japan
(72)**Name of Inventor :**
1)YOSHIMURA Kazuki
2)OKAMOTO Yoshio
3)ISHII Eiji
4)MAEKAWA Noriyuki
5)SAITO Takahiro
6)NAKAI Atsushi

(57) Abstract :
The purpose of the present invention is to provide a fuel injection valve that uses swirl flow wherein atomization performance is increased by improving speed distribution uniformity in a fuel flow channel. In order to solve the above mentioned problem this fuel injection valve has a swirl chamber having an inner peripheral wall formed so that the curvature gradually increases from the upstream side toward the downstream side swirling passages (21a-d) for introducing fuel into the swirl chamber and a fuel injection hole opening into the swirl chamber. A fuel flow channel is formed by the swirling passages (21a-d) of an orifice plate (20) the orifice plate (20) in which the swirl chamber and the fuel injection hole are formed and an opening (5) provided to the bottom surface of a nozzle member (2) in contact with the top surface of the orifice plate (20). Notches (31) for communicating the opening (5) and the swirling passages (21a-d) are provided to the bottom surface of the nozzle member (2) in contact with the top surface of the orifice plate (20).

No. of Pages : 39 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1058/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONTROLLED NUCLEATION DURING FREEZING STEP OF FREEZE DRYING CYCLE USING PRESSURE DIFFERENTIAL ICE CRYSTALS DISTRIBUTION FROM CONDENSED FROST

(51) International classification :F26B5/06,F26B5/10,F26B25/00
(31) Priority Document No :13/572978
(32) Priority Date :13/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2013/046252
Filing Date :18/06/2013
(87) International Publication No :WO 2014/028119
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MILLROCK TECHNOLOGY INC.
Address of Applicant :39 Kieffer Lane Kingston NY 12401 2210 U.S.A.
(72)**Name of Inventor :**
1)LING Weijia

(57) Abstract :
A method of controlling and enhancing the nucleation of product in a freeze dryer wherein the product is maintained at a predetermined temperature and pressure in a chamber of the freeze dryer and a predetermined volume of condensed frost is created on an inner surface of a condenser chamber separate from the product chamber and connected thereto by a vapor port. The condenser chamber has a predetermined pressure that is greater than that of the product chamber. The opening of the vapor port into the product chamber creates gas turbulence that breaks down the condensed frost into ice crystals that rapidly enter the product chamber for even distribution therein to create uniform and rapid nucleation of the product in different areas of the product chamber.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1083/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APPARATUS FOR SELECTIVELY SUPPORTING A BED SECTION

(51) International classification :A61G7/015
(31) Priority Document No :1212749.4
(32) Priority Date :18/07/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/051773
Filing Date :04/07/2013
(87) International Publication No :WO 2014/013222
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUNTLEIGH TECHNOLOGY LIMITED
Address of Applicant :Arjohuntleigh House Houghton Hall Business Park Houghton Regis Bedfordshire LU5 5XF U.K.
(72)**Name of Inventor :**
1)HOLLYOAK Stephen
2)JONES Robert Hugh

(57) Abstract :
Apparatus for selectively supporting a section (9) of an articulated bed platform in a raised position relative to a frame of the bed includes a stay (11) having engagement member (13) which is able to reciprocate in a guide (15) provided on the frame. Locking means allow the engagement member (13) to be selectively engaged such that the engagement member (13) either reciprocates in the guide (15) or is prevented from doing so. When the engagement member (13) is engaged the stay (11) can support the bed section (9) in the raised position.

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015
(21) Application No.1110/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : KEY MANAGEMENT IN MACHINE TYPE COMMUNICATION SYSTEM

(51) International classification :H04L29/06,H04W12/04
(31) Priority Document No :2012-201693
(32) Priority Date :13/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005398
Filing Date :12/09/2013
(87) International Publication No :WO 2014/041806
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7-1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)ZHANG Xiaowei
2)PRASAD Anand Raghawa

(57) Abstract :
A MTC device (10) and a MTC interworking function MTC IWF (20) form a communication system and conduct communication with each other. In this communication system a root key (K iwf) is securely shared between the MTC device (10) and the MTC IWF (20). The MTC device (10) and the MTC IWF (20) use the root key (K iwf) to respectively derive temporary keys (K di (K di conf K di int)) for protecting the communication. The temporary keys provide integrity protection and confidentiality. The root key can be derived by the HSS or MME/SGSN/MSC and provided to the MTC IWF. The root key can also be derived by the MTC IWF based on received key derivation material. The described system is useful for the security of small data transmission in MTC system.

No. of Pages : 29 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1030/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTI PORTION REMOVABLE COVER APPARATUS AND RELATED METHODS

(51) International classification :B65D41/32
(31) Priority Document No :61/670433
(32) Priority Date :11/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050162
Filing Date :11/07/2013
(87) International Publication No :WO 2014/011938
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GAYER Mark
Address of Applicant :15938 SW Butler Rd Rose Hill KS 67133 U.S.A.
(72)**Name of Inventor :**
1)GAYER Mark

(57) Abstract :
Apparatus and methods are disclosed for sealing openings on containers and other structures permitting selective removal of portions of the seal structure and for similar selective removal of portions of adhesive elements such as bandages. A seal layer is sized and configured to cover an opening. The seal layer has at least one tear line where the tear line is positioned and formed for tearing the seal layer for selective removal of a portion of the seal layer from the opening. A tab is connected to the seal layer providing a gripping portion for the user.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1054/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHOTO CURABLE INK COMPOSITION

(51) International classification :C09D11/10
(31) Priority Document No :12182588.9
(32) Priority Date :31/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2013/058114
Filing Date :29/08/2013
(87) International Publication No :WO 2014/033657
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HEWLETT PACKARD INDUSTRIAL PRINTING LTD.
Address of Applicant :8b Hatzoran Street 42506 Netanya Israel
(72)**Name of Inventor :**
1)BRANDSTEIN Or
2)LISITSIN Nataly
3)CALITZ Malan
4)TRUBNIKOV Alex
5)COHEN Eytan

(57) Abstract :
A photo curable ink composition including UV curable polyurethane dispersions water photo initiator colorant and hydrophobic radiation curable monomers. Also disclosed herein is a method for forming a printed article and an inkjet printing system using said photo curable ink composition.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1082/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF N PHOSPHONOMETHYLIMINODIACETIC ACID

(51) International classification :C07F9/38
(31) Priority Document No :12176749.5
(32) Priority Date :17/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065119
Filing Date :17/07/2013
(87) International Publication No :WO 2014/012986
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STRAITMARK HOLDING AG
Address of Applicant :Bundesplatz 1 CH 6300 Zug Switzerland
(72)**Name of Inventor :**
1)DEVAUX Albert
2)BURCK Sebastian
3)NOTT‰ Patrick

(57) Abstract :
The present invention is related to a method for the synthesis of N- phosphonoalkyliminodiacetic acid or derivatives thereof comprising the steps of: a) forming a reaction mixture comprising an acid catalyst, a compound having the general formula R1 -CH2-NX-CH2-R2 and a compound having one or more P-O-P anhydride moieties, to form a compound having the general for mula R1 -CH2-N-CH2(P0 H2)-CH2-R2, its dehydrated forms or their derivatives, wherein - the compound of the formula R 1 -CH2- NX-CH2-R2 is characterized in that: - X is -CH2-OH or -CH2-COOH; - R1 and R2 are independently selected from the group consist ing of nitrile, CI -C4 alkyl carboxylate, or are both carbonyl groups linked by means of a hydrogen substituted nitrogen atom or a CI -C4-akyl substituted nitrogen atom; - the P-O-P anhydride comprising compound is characterized in that said anhydride moieties comprise one P atom at the oxidation state (+1 II) and one P atom at the oxidation state (+1 II) or (+V); and b) hydrolysing the reac - tion mixture to form N- phosphonomethyliminodiacetic acid or one of its derivatives.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1116/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NETWORK MONITOR SYSTEM COMMUNICATION APPARATUS NETWORK MANAGEMENT METHOD AND NETWORK MANAGEMENT PROGRAM STORAGE MEDIUM

(51) International classification	:H04L12/70
(31) Priority Document No	:2012-188521
(32) Priority Date	:29/08/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/005006 :26/08/2013
(87) International Publication No	:WO 2014/034075
(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)NEC CORPORATION
Address of Applicant :7-1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)ICHIKAWA Akira

(57) Abstract :
Provided is a network monitor system related to the network management of nodes and allowing for automatizing the settings suppressing the traffics and reducing the address space necessary for allocating addresses. Included are a communication apparatus a network management system and a node. The communication apparatus comprises: a host setting server that provides an address which belongs to an address space shared by the whole of a network to the node connected to a subnet; a means that sets information to be used for collecting and setting management information of the node; a management manager that performs transmission/reception of the management information to/from the node; and a management agent that performs transmission/reception of the management information to/from the network management system. The network management system acts as a management manager for the communication apparatus and identifies the node by use of an identifier other than the address or by use of a combination of the identifier and the address. The node acts as a host setting client and management agent for the communication apparatus.

No. of Pages : 38 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2015

(21) Application No.1012/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VEHICLE LOGISTICS MANAGEMENT SYSTEM

(51) International classification	:B65G1/137,B65G61/00,B65G63/00
(31) Priority Document No	:2012184069
(32) Priority Date	:23/08/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/057669 :18/03/2013
(87) International Publication No	:WO 2014/030374
(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)NIPPON YUSEN KABUSHIKI KAISHA
Address of Applicant :3-2 Marunouchi 2 chome Chiyoda ku Tokyo 1000005 Japan
(72)**Name of Inventor :**
1)AWAMOTO Shigeru
2)MAEDA Yoshihiko

(57) Abstract :
Provided is a vehicle logistics operation technology such that the work for e.g. registering and searching for the location of a vehicle stored in a terminal can be made more efficient an inexpensive system with sufficient management accuracy can be implemented and the lead time can be decreased. The present system includes a PC (3) used by an administrator an HH terminal (1) carried by a worker and a GPS receiver (2). The HH terminal (1) has the function to read first data including the ID of the vehicle from a medium in a vehicle and the function to acquire positioning information (second data) through short range communication with the GPS receiver (2). When registering vehicle position the HH terminal (1) through worker operation acquires the first and second data transmits the data to the PC (3) and has information corresponding to the ID and position of the vehicle registered in a DB. The area of the lot where the vehicle is stored is managed according to location (block). The stored position of the vehicle is managed by associating the positioning information with a location ID.

No. of Pages : 80 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1060/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TREATMENT DEVICE FOR FREE FLOWING BULK MATERIAL

(51) International classification :B07B1/40,B07B1/42,B65G27/32
(31) Priority Document No :10 2012 214 341.6
(32) Priority Date :10/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/066084
Filing Date :31/07/2013
(87) International Publication No :WO 2014/023629
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VIBRA MASCHINENFABRIK SCHULTHEIS GMBH & CO.
Address of Applicant :Im grossen Ahl 50 63075 Offenbach Germany
(72)**Name of Inventor :**
1)SCHULTHEIS Wilhelm

(57) Abstract :
A treatment device for free flowing bulk material comprises a bulk material carrier (10) with an inclined treatment area (11) a counter vibration device (20) which extends longitudinally under the bulk material carrier (10) and runs horizontally or likewise in an inclined manner a cable suspension (30) for suspending the counter vibration device (20) on a supporting structure supports (40) for supporting the bulk material carrier in the vertical direction on the counter vibration device (20) a spring assembly (50) which has several springs (51, 52; 53) and connects the bulk material carrier (10) and the counter vibration device (20) and which provides an elastic support perpendicular to the vertical direction both in the longitudinal direction and in the transverse direction of the counter vibration device (20) and a vibration exciter (60) for exciting the treatment area (11) in the longitudinal and transverse direction of the counter vibration device (20). The treatment device is distinguished by a small constructional outlay and low maintenance requirements. Moreover the risk of a contamination of the bulk material and the environment with lubricant is small.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1088/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR REMOVING H2S AND MOISTURE FROM FRACTIONATOR OVERHEAD NAPHTHA

(51) International classification :C10G7/02,C10G7/06
(31) Priority Document No :13/588065
(32) Priority Date :17/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051955
Filing Date :25/07/2013
(87) International Publication No :WO 2014/028190
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UOP LLC
Address of Applicant :25 East Algonquin Road P. O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.
(72)**Name of Inventor :**
1)VAIDYANATHAN Krishnan
2)PANDRANKI Venkat Ram Naidu

(57) Abstract :
Methods and apparatus for making naphtha substantially free of H2S are described. The method includes stripping an incoming stream containing naphtha and H2S in a fracfionator into at least an overhead stream containing the naphtha and H2S and a bottoms stream, and introducing the overhead stream from the fractionator into a separator to form a naphtha stream substantially free of H2S and an overhead stream containing H2S.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1119/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL BICYCLIC PYRIDINONES

(51) International classification :C07D471/04,A61K31/4985,A61P25/28
(31) Priority Document No :61/703969
(32) Priority Date :21/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/058347
Filing Date :06/09/2013
(87) International Publication No :WO 2014/045156
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PFIZER INC.
Address of Applicant :235 East 42nd Street New York New York 10017 U.S.A.
(72)**Name of Inventor :**
1)AM ENDE Christopher William
2)GREEN Michael Eric
3)JOHNSON Douglas Scott
4)KAUFFMAN Gregory Wayne
5)ODONNELL Christopher John
6)PATEL Nandini Chaturbhai
7)PETTERSSON Martin Youngjin
8)STEPAN Antonia Friederike
9)STIFF Cory Michael
10)SUBRAMANYAM Chakrapani
11)TRAN Tuan Phong
12)VERHOEST Patrick Robert

(57) Abstract :
Compounds and pharmaceutically acceptable salts of the compounds are disclosed wherein the compounds have the structure of Formula (I) as defined in the specification. Corresponding pharmaceutical compositions methods of treatment methods of synthesis and intermediates are also disclosed.

No. of Pages : 146 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2015

(21) Application No.1015/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXTRACTED CONJUNCT POLYMER NAPHTHA

(51) International classification :C07C7/10,C07C7/00
(31) Priority Document No :13/563415
(32) Priority Date :31/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/044343
Filing Date :05/06/2013
(87) International Publication No :WO 2014/021985
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHEVRON U.S.A. INC.
Address of Applicant :6001 Bollinger Canyon Road San Ramon California 94583 U.S.A.
(72)**Name of Inventor :**
1)TIMKEN Hye Kyung Cho
2)DALVAND Izadyar
3)CYR Douglas Robert
4)CHENG Michael Tung hai
5)LUO Huping
6)WINTER Shawn Shlomo
7)DRIVER Michael Sean
8)MOHR Donald Henry

(57) Abstract :
We provide an extracted conjunct polymer naphtha (45) comprising a hydrogenated conjunct polymer naphtha from a used ionic liquid catalyst having a final boiling point less than 246°C(475°F) a Bromine Number of 5 or less and at least 30 wt% naphthenes. We also provide a blended alkylate gasoline (97) comprising the extracted conjunct polymer naphtha (45) and integrated alkylation processes to make the extracted conjunct polymer naphtha (45) and the blended alkylate gasoline (97). We also provide a method to analyze alkylate products by determining an amount of methylcyclohexane in the alkylate products (80).

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1038/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTI PRISM MECHANISM FOR THREE DIMENSIONAL IMAGE LASER EXPOSURE SYSTEM AND METHOD

(51) International classification :G02B26/10,G03B27/54
(31) Priority Document No :201210253319.6
(32) Priority Date :20/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/079654
Filing Date :19/07/2013
(87) International Publication No :WO 2014/012513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHANGHAI YIYING DIGITAL TECHNOLOGY CO. LTD.
Address of Applicant :No. 167 Lane 1776 South Hongmei Road Minhang District Shanghai 200237 China
(72)**Name of Inventor :**
1)GU Jinchang

(57) Abstract :
A multi prism mechanism for three dimensional image laser exposure system comprises an exposure motherboard (1) and a laser control transmission unit (2). The upper part of the exposure motherboard (1) is provided with a multi prism structure (3) a lens (4) an angle switching reflecting mirror (5) an optical detection reflector (6) an optical detection device (7) three acousto optic drive controllers (8) a laser drive control plate (11) multiple supporting columns (9) and a reflecting mirror (10). The laser control transmission unit (2) is fixed on the supporting columns (9) by a nut so that the laser control transmission unit (2) is superposed on the exposure motherboard (1). The lens (4) is provided with an incident surface and an emergent surface. Three parallel laser generating sets (21) are arranged on the laser control transmission unit (2) and each laser generating set (21) comprises an acousto optic modulator (212) a light valve (213) a directional mirror (217) an optical expansion and contraction mirror (214) a laser reflector (215) and a concentration reflector (216). The multi prism mechanism has the advantages of reasonable and simple structure stable performance convenience in use good effect and bright color of printed three dimensional images and the like.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1062/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HIGH VOLTAGE ELECTROSTATIC GENERATOR

(51) International classification :H05H5/04,H05H5/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/069243
Filing Date :28/09/2012
(87) International Publication No :WO 2014/048496
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany
(72)**Name of Inventor :**
1)APTAKER Peter Simon
2)BEASLEY Paul
3)HEID Oliver

(57) Abstract :
A high voltage electrostatic generator comprising an assembly of concentric electrically conductive half shells (10) separated by an equatorial gap (14) essentially with cylindrical symmetry about an axis (A-A). Adjacent to the equatorial gap (14) edge regions (16) of at least a selected subset of the half shells (20) are shaped.

No. of Pages : 25 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1091/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HAIR CARE POLYMER

(51) International classification :C08L101/00,C08G83/00,A61K8/85
(31) Priority Document No :12184655.4
(32) Priority Date :17/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/066826
Filing Date :12/08/2013
(87) International Publication No :WO 2014/040811
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :Het Overloon 1 NL 6411 Te Heerlen Netherlands
(72)**Name of Inventor :**
1)DAENEN Robin Elisabeth Maria Jacobus
2)DERKS Franciscus Johannes Marie
3)WEBER Dirk
4)WILZ Ruediger

(57) Abstract :
The invention relates to specific quatemized hyperbranched polymers having end-groups of formula (I) characterized in that said quatemized hyperbranched polymer is obtainable by preparation of a hyperbranched polymer having dimethylamino end groups by condensation of 2-dodecen- 1-ylsuccinic anhydride, diisopropanolamine and N,N-bis[3-(dimethylamino)propyl]amine fol lowed by quatemization of the dimethylamino end-groups to end groups of formula (I). Furthermore, the invention is directed to clear shampoo preparations comprising such quatemized hyperbranched polymers.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1121/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DOOR HINGE

(51) International classification :E05D3/14
(31) Priority Document No :1213089.4
(32) Priority Date :24/07/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/000323
Filing Date :24/07/2013
(87) International Publication No :WO 2014/016545
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BLADES JOINERY LIMITED
Address of Applicant :Longend Lane Marden Kent TN12 9SE U.K.
(72)**Name of Inventor :**
1)ARMSTRONG Shane

(57) Abstract :
A door hinge comprises a body part for attaching to a door jamb and a door part for attaching to a door. A pivot coupling pivotally connects the door part to the body part about a displaceable pivot axis.

No. of Pages : 24 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1069/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POWER ASSIST BICYCLE USING SENSOR HAVING MULTIPLE MAGNET BLOCKS EVENLY DISTRIBUTED IN HOUSING

(51) International classification :B62M6/50,G01D5/244
(31) Priority Document No :201210263521.7
(32) Priority Date :28/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/076810
Filing Date :05/06/2013
(87) International Publication No :WO 2014/019410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHENGDU KUANHE TECHNOLOGY CO. LTD.
Address of Applicant :Room 301 3rd Floor Building A10 Chengdu Economic Development Zone No.888 2nd section Chenglong Avenue Damian Street Longquanyi Chengdu Sichuan 610000 China
2)GAO Song
3)OUYANG Yanxiong
(72)**Name of Inventor :**
1)HUANG Qiang

(57) Abstract :
A power assist bicycle using a sensor having multiple magnet blocks evenly distributed in a housing related to electric power assisted bicycles that provide a power assist signal with multipoint magnetic induction. The sensor comprises sequentially connected a sensing element a power assist model processor (21) a digital to analog converter (27) and an operational amplifier (28). The sensing element comprises a rotating disk (1) and a fixed disk (40) fitted with each other and permanent magnet blocks (2) and a Hall element (3) arranged in a cavity of the rotating disk (1) and of the fixed disk (40). Arranged on the rotating disk (1) are the multiple permanent magnet blocks (2) that are opposite in adjacent magnetic polarities. The Hall element (3) on the fixed disk (40) is arranged at a position in proximity to the permanent magnet blocks (2). The sensor is sleeved on the exterior of a central shaft (51) of the bicycle. The operational amplifier (28) is connected to a motor controller (29). The relative positions of the permanent magnet blocks (2) and of the Hall element (3) are fixed the Hall element (3) is allowed to acquire a rectangular wave signal thereby facilitating the sensor to output via digital processing an adjustable and artificial setting added power assist model thus allowing for optimal matching between human and machine and for electricity conservation.

No. of Pages : 58 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1097/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RHEOLOGICAL AGENT PREPARATION METHODS AND USES THEREOF

(51) International classification :C08F212/12,C09K8/12,C08F220/12
(31) Priority Document No :PCT/IB2012/001690
(32) Priority Date :11/07/2012
(33) Name of priority country :
(86) International Application No :PCT/EP2013/064563
Filing Date :10/07/2013
(87) International Publication No :WO 2014/009408
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OMNOVA SOLUTIONS
Address of Applicant :ZA de Courtaboeuf 2 14 avenue des Tropiques F 91140 Villejust France
(72)**Name of Inventor :**
1)MAZARD Ccile
2)DRILLIERES Sophie
3)BARETTE Aurlie
4)VONGPHOUTHONE Patrick
5)GUICHARD Bertrand

(57) Abstract :
The present invention relates to a method to prepare a rheological agent comprising the polymerization of the following monomers: (a) at least one styrene based monomer (b) at least one (meth)acrylate based monomer or butadiene and (c) optionally a copolymerisable surfactant containing an optionally substituted vinyl function and moieties derived from propylene oxide and/or ethylene oxide optionally in the presence of a non polymerisable surfactant containing moieties derived from propylene oxide and/or ethylene oxide and optionally in the presence of another surfactant wherein at least the copolymerisable surfactant or the non polymerisable surfactant is present during the said polymerization as well as a rheological agent obtainable by said method an oil based drilling fluid containing such a rheological agent the use of such a rheological agent as a thixotropic agent in an oil based drilling fluid and a method of drilling using an oil based drilling fluid containing such a rheological agent.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1127/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXTRUDED AND DEHYDRATED PRODUCTS FOR BABY FOOD

(51) International classification :A23L1/164,A23L1/18,A23L1/212
(31) Priority Document No :1256855
(32) Priority Date :16/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/065039
Filing Date :16/07/2013
(87) International Publication No :WO 2014/012950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DIANA NATURALS
Address of Applicant :F 35560 Antrain France
(72)**Name of Inventor :**
1)NEAUD Fabien
2)FALQUERHO Hugues
3)RAPHEL Patrick

(57) Abstract :
The present invention describes dehydrated crispy products containing cereal flour and products of vegetable origin (fruits and/or vegetables) and which once rehydrated have specific textural features. Said products can be advantageously incorporated into dehydrated food intended for persons with problems chewing for example young children and babies. They are advantageously used as is by rehydrating same in a liquid (hot or cold) particularly in milk. They can also be incorporated into a dry hydratable food (for example a powder for a mash or a porridge). Once brought into contact with a liquid said products rehydrate quickly and the rehydrated products maintain an integral structure for several minutes.

No. of Pages : 34 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1019/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD TO PROCESS TRANSACTIONS AT RETAIL FUELING FACILITIES

(51) International classification :G06Q50/30,G06Q20/32,G06Q20/36
(31) Priority Document No :61/674009
(32) Priority Date :20/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051363
Filing Date :19/07/2013
(87) International Publication No :WO 2014/015294
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DRESSER INC.
Address of Applicant :3814 Jarrett Way Austin TX 78728 U.S.A.
(72)**Name of Inventor :**
1)BREWER James Matthew
2)MCBRAYER Stephen
3)MORRIS John Joseph
4)NEGLEY Scott
5)WESTON Timothy Martin
6)DE LA PORT Paul

(57) Abstract :
Embodiments of a component (also a transaction gateway and transaction gateway component) that integrates with a transaction system to facilitate transactions (e.g. purchases) that occur at retail fueling facilities. These embodiments addresses a gap that exists between the transaction system and electronic commerce systems (often recognized as digital wallet and e wallet systems). This gap can prevent use of electronic commerce technology to complete transactions to purchase fuel products and services during a visit to the retail fueling facility. In one embodiment the transaction gateway provide the infrastructure necessary to allow the transaction system and the e-commerce system to exchange data. This exchange facilitates the financial transaction that is necessary for the end user to initiate and pay for products and services using the e wallet technology often through software (or application) for use on a mobile device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1041/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : YEAST STRAINS ENGINEERED TO PRODUCE ETHANOL FROM ACETATE

(51) International classification :C12N1/19,C12N9/02,C12N9/04
(31) Priority Document No :12181938.7
(32) Priority Date :28/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067341
Filing Date :20/08/2013
(87) International Publication No :WO 2014/033018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands
(72)**Name of Inventor :**
1)KLAASSEN Paul
2)KOLEN Catharina Petronella Antonia Maria
3)VAN MARIS Antonius Jeroen Adriaan
4)PRONK Jacobus Thomas

(57) Abstract :
The present invention relates to a yeast cell comprising: a) a disruption of deletion of one or more gene native in the yeast cell coding for an enzyme having glycerolphosphate dehydrogenase (GPD) activity; b) an exogenous polynucleotide coding for an enzyme having aldehyde oxidoreductase activity wherein the polynucleotide comprises a nucleotide sequence coding for an amino acid sequence with at least 50% amino acid sequence identity with SEQ ID NO: 12.

No. of Pages : 72 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1067/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TANGENTIAL FLOW PERFUSION SYSTEM

(51) International classification :C12M3/06,F16K15/00
(31) Priority Document No :12510913
(32) Priority Date :27/09/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2013/051110
Filing Date :25/09/2013
(87) International Publication No :WO 2014/051503
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GE HEALTHCARE BIO SCIENCES AB
Address of Applicant :Patent Department Bjrkgatan 30 S 751 84 Uppsala Sweden
(72)**Name of Inventor :**
1)GEBAUER Klaus

(57) Abstract :
The invention discloses a system for perfusion culture of cells which comprises: a bioreactor; a filter unit with a retentate inlet end a retentate outlet end and a permeate outlet port; a reciprocating pump fluidically connected to the retentate inlet end with the retentate inlet end fluidically connected to the bioreactor via an inlet check valve arranged to allow flow in the direction from the bioreactor to the retentate inlet end and to block flow in the reverse direction and where the retentate outlet end is fluidically connected to the bioreactor via an outlet check valve arranged to allow flow in the direction from the retentate outlet end to the bioreactor and to block flow in the reverse direction; and where the inlet and outlet check valves are each fluidically connected to a tubing branch point which is further connected to the bioreactor via a length of tubing. In an alternative embodiment each of said inlet and outlet check valves is fluidically connected to the bioreactor via separate lengths of tubing. The invention further discloses a pre sterilized system for perfusion culture of cells which comprises: a bioreactor; a reciprocating pump and a filter unit fluidically connected to the reciprocating pump and fluidically connected to the bioreactor via at least one aseptic connector.

No. of Pages : 23 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1131/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXHAUST PURIFICATION DEVICE AND EXHAUST PURIFICATION METHOD FOR INTERNAL COMBUSTION ENGINE

(51) International classification :F01N3/08,F01N3/023,F01N3/025
(31) Priority Document No :2012238691
(32) Priority Date :30/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/078901
Filing Date :25/10/2013
(87) International Publication No :WO 2014/069342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16-5 Konan 2 chome Minato ku Tokyo 1088215 Japan
(72)**Name of Inventor :**
1)Takayanagi Ko

(57) Abstract :
The purpose of the invention is to provide an exhaust purification device and an exhaust purification method for an internal combustion engine in which SCR catalyst initialization can be performed by increasing an SCR catalyst temperature in predetermined conditions without any troublesome procedures or complex calculations. In an exhaust purification device for an internal combustion engine placed in an exhaust passage of an internal combustion engine and equipped with an SCR catalyst for purifying NOx in the exhaust of the internal combustion engine, the device carries out: a sequence in which urea water is sprayed into the exhaust passage from the upstream side of the SCR catalyst, and adsorption amount estimation values of NH3 adsorbed on the SCR catalyst are calculated and accumulated from the sprayed amount of NH3 produced from the urea water and the sprayed amount of NH3 for purifying the NOx upstream of the SCR catalyst; and a sequence for performing initialization of the SCR catalyst by raising the SCR catalyst temperature and initializing the NH3 amount estimation values.

No. of Pages : 36 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1032/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FUEL INJECTION VALVE

(51) International classification :F02M61/18,F02M51/06,F02M51/08
(31) Priority Document No :2013046086
(32) Priority Date :08/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/078450
Filing Date :21/10/2013
(87) International Publication No :WO 2014/136309
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI AUTOMOTIVE SYSTEMS LTD.
Address of Applicant :2520 Takaba Hitachinaka shi Ibaraki 3128503 Japan
(72)**Name of Inventor :**
1)OKAMOTO Yoshio
2)YOSHIMURA Kazuki
3)MAEKAWA Noriyuki
4)KOBAYASHI Nobuaki
5)ISHII Eiji
6)SAITO Takahiro

(57) Abstract :
The objective of the present invention is to provide a fuel injection valve for which the uniformity of the swirl flow in the circumferential direction is increased. This fuel injection valve is equipped with: a swirl chamber (22a) having an inner circumferential wall formed such that the curvature gradually increases from the upstream side to the downstream side; a swirl passage (21a) that has an inflow region (20b) in the valve axis direction and that guides fuel into the swirl chamber (22a); and a fuel injection hole (23a) that opens into the swirl chamber (22a). A protruding part (25a) which changes a portion of the fuel flowing from the valve axis direction toward the bottom surface part (21ab) such that the fuel flows in the direction of the upper surface of the swirl passage (21a) at the bottom surface part of the swirl passage (21a) is formed on the inlet side of the swirl chamber (22a).

No. of Pages : 39 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1056/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TERMINAL AND TERMINAL CONTROL METHOD

(51) International classification :G06F3/0489
(31) Priority Document No :NA
(32) Priority Date : -
(33) Name of priority country :
(86) International Application No :PCT/CN2012/078582
Filing Date :12/07/2012
(87) International Publication No :WO 2014/008656
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)YULONG COMPUTER TELECOMMUNICATION TECHNOLOGIES (SHENZHEN) CO. LTD.
Address of Applicant :No. 2 Mengxi Road North of High tech Garden Nanshan District Shenzhen Guangdong 518057 China
(72)**Name of Inventor :**
1)GUO Deying
2)LI Jun
3)YUAN Wu

(57) Abstract :
The present invention provides a terminal comprising: a creation unit used to create a key operation layer and a content display layer on a screen of the terminal the key operation layer being above the content display layer; an obtaining unit used to obtain a function menu corresponding to at least one application program interface in the terminal; a registration unit used to register the function menu with the key operation layer; a key setting unit used to generate according to the application program interface displayed on the screen of the terminal a virtual key by using the corresponding function menu; a content display unit used to display the application program interface in the content display layer; and a control unit used to control the application interface according to an order for selecting the virtual key received by the key operation layer. The present invention also provides a terminal control method. By using technical solutions of the present invention manners of controlling different application programs can be unified and operation by a user becomes more convenient.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1081/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF ALPHA AMINOALKYLENEPHOSPHONIC ACID

(51) International classification :C07F9/38,C07F9/572,C07F9/6524
(31) Priority Document No :12176757.8
(32) Priority Date :17/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065124
Filing Date :17/07/2013
(87) International Publication No :WO 2014/012990
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STRAITMARK HOLDING AG
Address of Applicant :Bundesplatz 1 CH 6300 Zug Switzerland
(72)**Name of Inventor :**
1)NOTT‰ Patrick
2)COGELS Samuel
3)BURCK Sebastian

(57) Abstract :
The present invention is related to a new method for the synthesis of alpha-aminoalkylenephosphonic acid or its phosphonate esters comprising the steps of forming a reaction mixture by mixing a P-O-P anhydride moiety comprising compound, having one P-atom at the oxidation state (+111) and the other P-atom at the oxidation state (+1 11) or (+V), an aminoalkanecarboxyl - ic acid and an acid catalyst, wherein said reaction mixture comprises an equivalent ratio of alpha-aminoalkylene carboxylic acid to P-O-P anhydride moieties of at least 0.2, and recovering the resulting alpha-aminoalkylene phosphonic acid compound or an ester thereof from the reaction mixture.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1137/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INHIBITORS OF BETA SECRETASE

(51) International classification :C07D235/02,C07D401/06,C07D403/04
(31) Priority Document No :61/693512
(32) Priority Date :27/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/056566
Filing Date :26/08/2013
(87) International Publication No :WO 2014/035860
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
Address of Applicant :Binger Strasse 173 55216 Ingelheim Am Rhein Germany
2)VITAE PHARMACEUTICALS INC.
(72)**Name of Inventor :**
1)BUKHTIYAROV Yuri
2)CACATIAN Salvacion
3)DILLARD Lawrence Wayne
4)DORNER CIOSSEK Cornelia
5)FUCHS Klaus
6)GROSS Ulrike
7)HEINE Niklas
8)JIA Lanqi
9)LALA Deepak S.
10)MORALES RAMOS Angel
11)SINGH Suresh B.
12)SAUER Achim
13)VENKATRAMAN Shankar
14)XU Zhenrong
15)YUAN Jing
16)ZHAO Yi
17)ZHENG Yajun

(57) Abstract :
The present invention relates to spirocyclic acylguanidines and their use as inhibitors of the secretase enzyme (BACE1) activity pharmaceutical compositions containing the same and methods of using the same as therapeutic agents in the treatment of neurodegenerative disorders disorders characterized by cognitive decline cognitive impairment dementia and diseases characterized by production of amyloid aggregates.

No. of Pages : 84 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1035/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PARTIALLY SATURATED NITROGEN CONTAINING HETEROCYCLIC COMPOUND

(51) International classification	:C07D207/36,A61K31/4015,A61K31/403
(31) Priority Document No	:2012-168828
(32) Priority Date	:30/07/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/070522 :29/07/2013
(87) International Publication No	:WO 2014/021281
(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)TAISHO PHARMACEUTICAL CO. LTD.
Address of Applicant :24-1 Takada 3 chome Toshima ku Tokyo 1708633 Japan
(72)**Name of Inventor :**
1)TAKAYAMA Tetsuo
2)SHIBATA Tsuyoshi
3)SHIOZAWA Fumiyasu
4)KAWABE Kenichi
5)SHIMIZU Yuki
6)HAMADA Makoto
7)HIRATATE Akira
8)TAKAHASHI Masato
9)USHIYAMA Fumihito
10)OI Takahiro
11)SHIRASAKI Yoshihisa
12)MATSUDA Daisuke
13)KOIZUMI Chie
14)KATO Sota

(57) Abstract :
Provided is a compound which is represented by general formula (I) and has an excellent PHD2 -inhibiting activity or a pharmaceutically acceptable salt thereof. (In the general formula (I) , W , Y , R2, R3, R4 and Y4 are as defined in the description.)

No. of Pages : 420 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1086/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR IMPROVED CELL IDENTIFICATION

(51) International classification	:G01N33/53,G01N21/64,G01N21/75
(31) Priority Document No	:12509360
(32) Priority Date	:21/08/2012
(33) Name of priority country	:Sweden
(86) International Application No Filing Date	:PCT/SE2013/050984 :21/08/2013
(87) International Publication No	:WO 2014/031068
(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)MEDETECT AB
Address of Applicant :Medicon Village S 223 81 Lund Sweden
(72)**Name of Inventor :**
1)ERJEF„LT Jonas

(57) Abstract :
The invention relates to a method of visualizing a plurality of cell types in a microscopic multicell tissue sample comprising cells of at least one particular cell type as well as cells of at least one confounding cell type wherein cells of said at least one particular cell type and cells of said at least one confounding cell type both comprise a second cell marker and cells of the confounding cell type also comprise a first cell marker not present in cells of the at least one particular cell type comprising the steps of exposing the cells of the sample to a first molecular detection means specifically binding to the first cell marker and having a detection enzyme; generating a blocking polymer within or around cells having the second cell marker by a reaction catalyzed by a detection enzyme on said first molecular detection means; exposing the cells of the sample to a second molecular detecting means comprising a fluorochrome said second molecular detecting means specifically binding to said second cell marker; removing second molecular detection means that have not been bound to cells of the sample; and during the course of the method visualizing said at least one particular cell type and said at least one confounding cell type by detecting fluorescence signals obtained from the fluorochrome of the second molecular detection means and and by detecting the blocking polymer that has been formed around said at least one confounding cell type.

No. of Pages : 34 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1112/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ABSORBER TUBE

(51) International classification :F24J2/46,F24J2/05
(31) Priority Document No :10 2012 214 412.9
(32) Priority Date :14/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/066553
Filing Date :07/08/2013
(87) International Publication No :WO 2014/026891
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SCHOTT SOLAR AG
Address of Applicant :Hattenbergstrae 10 55122 Mainz Germany
(72)**Name of Inventor :**
1)BENZ Nikolaus
2)KUCKELKORN Thomas

(57) Abstract :
The invention relates to an absorber tube (1) comprising a central metal tube (2) a glass cladding tube (2) a glass cladding tube (4) and a glass metal transition element (10). The metal tube (2) and the glass metal transition element (10) are connected to each other by means of an expansion compensation device (20) such that they can be displaced relative to each other in the longitudinal direction wherein the expansion compensation device (20) is arranged at least partially in an annular space (6) between the metal tube (2) and the glass metal transition element (10). In the annular space (6) at at least one end (1a b) of the absorber tube (1) at least one shielding device (50) is arranged which has a first annular disc shaped section (52) which is arranged at an axial distance in front of the end face (110) and covers at least the connection region (100) of the attachment element (30) and the inner end (22) of the expansion compensation device (20).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1143/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PREPARATION OF INTERMEDIATES OF X RAY CONTRAST AGENTS

(51) International classification :C07C235/32
(31) Priority Document No :12192193.6
(32) Priority Date :12/11/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/US2013/066487
Filing Date :24/10/2013
(87) International Publication No :WO 2014/074315
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GE HEALTHCARE AS
Address of Applicant :P.O. Box 4220 Nydalen Nycoveien 1 2 N 0401 Oslo Norway
(72)**Name of Inventor :**
1)HAALAND Torfinn

(57) Abstract :
The present invention relates to a process for the preparation of iodinated X-ray contrast agents and in particular to key intermediates thereof. It particularly relates to an improved process for preparation of 5-acetamido-N,N-bis(2,3-dihydroxypropyl)-2,4,6-triiodoisophthalamide (Compound A) or N,N-bis(2,3-dihydroxypropyl)-5-formamido-2,4,6-triiodoisophthalamide (Compound C), which are intermediates in the industrial preparation of non-ionic X-ray contrast agents. More particularly the invention provides a process for deacylation of the acylated hydroxyl groups of an intermediate compound of Compound A and Compound C.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1074/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NETWORKED OPERATION SCHEDULING SYSTEM FOR RAILWAY VEHICLES BASED ON ELECTRONIC INTERVALS

(51) International classification :B61L23/00
(31) Priority Document No :201210307124.5
(32) Priority Date :27/08/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/001763
Filing Date :31/12/2012
(87) International Publication No :WO 2014/032218
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAI Wei
Address of Applicant :No.81 Taoyuan North Road Taiyuan Shanxi 030002 China
2)BAI Jing
3)BAI Qing
4)BAI Xianbing
5)FENG Baolong
(72)**Name of Inventor :**
1)BAI Wei
2)BAI Jing
3)BAI Qing
4)BAI Xianbing
5)FENG Baolong

(57) Abstract :
Disclosed is a networked operation scheduling system for railway vehicles based on electronic intervals comprising: relay computers at interval endpoints on rail communication antennas for distance measurement on vehicle response computers and road network computers wherein each of the relay computers at the interval endpoints is arranged at an endpoint location of each electronic interval; the length of each on rail communication antenna for distance measurement is equal to that of the electronic interval with one end of each on rail communication antenna for distance measurement connected to a relay computer at the interval endpoint and the other end thereof unloaded; an on vehicle response computer is arranged on each locomotive and communicates with the relay computer at the interval endpoint in the electronic interval occupied by the locomotive through the rail following communication antenna for distance measurement; the road network computer is connected to the relay computers at the interval endpoints to form a network; and railway security detection sensors are arranged in the electronic intervals. The present invention can solve the problem that it is difficult to perform global scheduling and command in the existing methods for increasing vehicle travelling density and preventing mutual and rear end collisions based on electronic intervals and at the same time can achieve information interconnection and interworking among locomotives and between the locomotives and the road network.

No. of Pages : 12 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1103/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SWEETENER COMPOSITIONS CONTAINING REBAUDIOSIDE B

(51) International classification :A23L1/236,A61K36/42,A23L2/60
(31) Priority Document No :61/678273
(32) Priority Date :01/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052821
Filing Date :31/07/2013
(87) International Publication No :WO 2014/022456
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATE & LYLE INGREDIENTS AMERICAS LLC
Address of Applicant :5450 Prairie Stone Parkway Hoffman Estates IL 60192 U.S.A.
(72)**Name of Inventor :**
1)QUINLAN Mary
2)ZHOU Yuqing

(57) Abstract :
Sweetener compositions useful as non caloric replacements for sugars in food and beverages are provided by combinations of monk fruit extract (containing mogroside V) with rebaudioside A and B which have improved taste profiles as compared to other non caloric sweeteners.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1134/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OCEAN BOTTOM SEISMIC NODE SYSTEM

(51) International classification :G01V1/16,G01V13/00
(31) Priority Document No :20120915
(32) Priority Date :16/08/2012
(33) Name of priority country :Norway
(86) International Application No :PCT/NO2013/000041
Filing Date :30/07/2013
(87) International Publication No :WO 2014/027892
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MAGSEIS AS
Address of Applicant :Fornebuveien 5 N 1366 Lysaker Norway
(72)**Name of Inventor :**
1)GATEMAN Jan B.
2)GATEMAN Nils P.

(57) Abstract :
The invention relates to a seismic node (100) comprising at least one seismic sensor with associated electronics a primary oscillator (106) for timing sensor signals a reference oscillator (104) a memory a power source a switch (102) for turning the reference oscillator on and off and a processor (112) for digitizing sensor signals and storing them in the memory calibrating a frequency of the primary oscillator (106) based on the frequency of the reference oscillator (104) and turning the reference oscillator on and off.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2013

(21) Application No.1951/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR CONTINUOUS CASTING OF METALLIC RIBBONS

(51) International classification :B22D11/00
(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)THE DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
Address of Applicant :Ministry of Defence, Govt of India, Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi 110 105
(72)**Name of Inventor :**
1)BHASKAR MAJUMDAR
2)MEDURI SRINIVAS
3)DIRAVIAN ARVINDHA BABU
4)DILSHAD AKHTAR
5)AVADHANULA VENKATA PHANIKIRAN
6)BERNARD RICHARD DANNY

(57) Abstract :
The present disclosure relates to a method and an apparatus for continuous casting of metal/alloys to form solidified amorphous ribbons. The apparatus comprises a crucible assembly having a crucible for holding the metal/alloys and a heating coil for melting the metal/alloys to obtain molten alloy. The molten alloy is then poured onto a spinning wheel that is solidified during the rotation to form amorphous ribbons. Before and during the melting, the crucible assembly is placed at a distance away from the spinning wheel and subsequently brought to a predetermined position above the spinning wheel by a crucible positioning mechanism. The crucible positioning mechanism positions the crucible assembly so as to maintain a predetermined gap between the crucible nozzle and the spinning wheel surface. Further, the apparatus comprises a pressure controller to regulate the ejection pressure of the molten alloy thereby maintaining constant flow rate of molten alloy through the nozzle.

No. of Pages : 28 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1120/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MANAGING WEIGHT LOSS AND BODY MASS

(51) International classification :A61K31/70,A61K47/42,A23K1/00
(31) Priority Document No :61/692385
(32) Priority Date :23/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/056150
Filing Date :22/08/2013
(87) International Publication No :WO 2014/031836
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC SA
Address of Applicant :Avenue Nestle 55 CH 1800 Vevey Switzerland
(72)**Name of Inventor :**
1)PAN Yuanlong

(57) Abstract :
The invention provides methods for promoting weight loss by an animal promoting weight loss by an animal while preventing or minimizing loss of lean body mass by the animal preventing a reduction in energy metabolism by an animal reducing the risk of regaining weight by an animal after weight loss and ameliorating undesirable animal behaviors associated with reduced caloric intake by intermittently feeding an animal a first diet containing calories that meet the animal s maintenance energy requirements and a second diet containing calories that do not meet the animal s maintenance energy requirements. In preferred embodiments the described feeding pattern and diets are fed in conjunction with one or more weight loss agents.

No. of Pages : 16 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/06/2013

(21) Application No.1683/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A NI-BASED SINGLE CRYSTAL SUPERALLOY TURBINE BLADE COOLING CIRCUIT

(51) International classification :F01D5/00
(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)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
Address of Applicant :Ministry of Defence, Govt of India, Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi 110 105
(72)**Name of Inventor :**
1)NIRANJAN DAS

(57) Abstract :
A Ni-based single crystal superalloy turbine blade with a cooling circuit comprising: a concave wall member and a convex wall member forming a closed boundary and extending from a leading edge towards a trailing edge of the turbine blade, wherein the concave wall member is at the vicinity of pressure side of the airfoil and the convex wall member is at the vicinity of suction side of the turbine blade. A plurality of struts provided in between the convex wall member and the concave wall member and is substantially vertically placed, such that a plurality of cooling chambers having predetermined shape and size are formed between the plurality of struts.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2013

(21) Application No.1755/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A NEW GENERATION BROACHING MACHINE

(51) International classification :B23D37/00
(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)GUPTA, SARVESH
Address of Applicant :E-7, KAVI NAGAR INDUSTRIAL AREA, SECTOR - 17, GHAZIABAD-201002, N.C.R., UTTAR PRADESH, INDIA
(72)**Name of Inventor :**
1)GUPTA, SARVESH

(57) Abstract :
The invention provides a New Generation broaching machine, the present invention provides for Broaching tool/Tool holder/Broaching surface and the broaching machines operations to be placed on same axis and the present invention comprises of high rigidity and balanced structure. The present invention provides a new high capacity broaching machine which comprises of the capacity to eliminate any misalignment that may occur during the process of broaching, holding or gripping. The present invention provides for Broaching tool/Tool holder/Broaching surface and the broaching machines operations to be placed on same axis and the present invention comprises of high rigidity and balanced structure.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2013

(21) Application No.1960/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RNAI AGENT FOR INHIBITION OF CHIKUNGUNYA VIRUS

(51) International classification :C12N15/00
(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)INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR)
Address of Applicant :V. RAMALINGASWAMI BHAWAN, Ansari Nagar, New Delhi 110 029, India, an Indian Institute Delhi India
(72)**Name of Inventor :**
1)Deepti Parashar
2)Vidya A. Arankalle
3)Mandar S. Paingankar
4)Satyendra Kumar
5)Mangesh D. Gokhale
6)A. B. Sudeep
7)Sapna S. Shinde

(57) Abstract :
The present invention relates to RNAi agents for inhibition of Chikungunya virus are described herein. The present invention provides RNAi agents for inhibition of Chikungunya virus, particularly by targeting the E2 gene and nsPl gene or both of the Chikungunya virus; the RNAi agents comprising of the entire nucleotide sequence set forth is SEQ ID 1 or SEQ ID 5 or combination thereof; or comprising of 15 or more contiguous nucleotides as set forth is SEQ ID 1 or SEQ ID 5 or combination thereof along with the addition nucleotides from the contiguous region of the E2 and nsPl target gene. The invention further provides a RNAi composition for reducing the E2 protein and nsPl protein level of Chikungunya virus and inhibition of Chikungunya virus replication. The combination of RNAi agents provides an excellent therapeutic composition for treatment of Chikungunya virus infection.

No. of Pages : 43 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1048/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR HANDLING TOPOLOGY IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W84/18,H04W92/18
(31) Priority Document No :61/672039
(32) Priority Date :16/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2013/006314
Filing Date :15/07/2013
(87) International Publication No :WO 2014/014245
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)HAN Se Hee
2)PATIL Mayuresh Madhukar
3)LEE Ji Hye
4)KIM Jun Hyung
5)LEE Jong Hyo

(57) Abstract :
A topology handling method for supporting a first device to form a Peer to Peer (P2P) group with a second device in a wireless communication system is provided. The method includes sending by the first device an invitation request to the second device; and upon receiving a wait message from the second device in response to the invitation request performing a negotiation procedure for forming the P2P group with the second device based on status information included in the wait message. The status information is used to indicate whether the second device can use other services.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1072/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SENSOR HAVING MULTIPLE MAGNETIC BLOCKS UNEVENLY DISTRIBUTED IN A HOUSING

(51) International classification :B62M6/50,G01L3/00,G01P3/481
(31) Priority Document No :201210263486.9
(32) Priority Date :28/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/076763
Filing Date :05/06/2013
(87) International Publication No :WO 2014/019404
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHENGDU KUANHE TECHNOLOGY CO. LTD.
Address of Applicant :Room 301 3rd Floor Building A10 Chengdu Economic Development Zone No.888 2nd section Chenglong Avenue Damian Street Longquanyi Chengdu Sichuan 610000 China
2)GAO Song
3)OUYANG Yanxiong
(72)**Name of Inventor :**
1)HUANG Qiang

(57) Abstract :
A sensor having multiple magnet blocks unevenly distributed in a housing comprising sequentially connected a sensing element a power assist model processor (21) a digital to analog converter (27) and an operational amplifier (28). The sensing element comprises permanent magnet blocks (2) and a Hall element (3) arranged in a cavity fitted together by a rotating disk (1) and a fixed disk (40). Fixedly arranged on the rotating disk (1) are the multiple permanent magnet blocks (2) in a circular annular distribution while the spacing intervals of the multiple permanent magnet blocks (2) are different. On a certain side of the rotating disk (1) the magnetic polarities of adjacent permanent magnet blocks (2) are opposite that is the magnetic polarities of all of the permanent magnet blocks (2) on the certain side of the rotating disk (1) are distributed in a pattern of N pole S pole N pole¦; the Hall element (3) arranged on the fixed disk (40) is arranged at a position in proximity to the permanent magnet blocks (2). The N pole S pole distribution of the magnetic polarities allows the Hall element (3) to acquire a rectangular wave signal to add a digital processing for setting a power assist model; the rectangular wave signal is allowed to express the positions of the permanent magnet blocks (2) on the rotating disk (1) and to determine the uses of different rectangular waves; the relative positions of the permanent magnet blocks (2) and of the Hall element (3) are fixed and signal output is reliable.

No. of Pages : 59 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2013
(21) Application No.1965/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APLASTIC ANAEMIA, COMPLETE CURE, AYURVEDIC WAY- CASE REPORT

(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)Subhash Singh
Address of Applicant :M.S. Ayurveda Central Research Institute, Indira Colony, Banipark, Jhotwara Road, Jaipur Rajasthan India
(72)**Name of Inventor :**
1)Subhash Singh

(57) Abstract :
The incidence of aplastic anemia is on the rise in India. A very high incidence rates are reported from Uttar Pradesh, Bihar and Delhi/NCR states. Where approximately 80 - 100 new cases on / million population diagnosed annually and die. There is no cure of the disease at present. In spite of the progress in the science of medicine the understanding of AA condition is still not complete. Although the knowledge has expanded considerably but effective management of AA in general is still on unresolved mystery to the scientists. So many formulations are available in the literatures of ancient India and Ayurveda for the management of anemia. A 12 year old Indian male child (28 kg), known case of severe aplastic anemia was recommended fresh juice of Tinospora cordifolia, Azadirachta indica and Emblica officinalis for 18 months along with detoxification and supportive measures. The patient is fully recovered from SAA with almost normal count. He did not receive blood transfusion since last two years. Last time, the case was transfused 1 unit whole blood on dated 21st April 2011. He has the sustained hemoglobin in increasing order, now. Blood investigation carried out recently on dated March 8th 2013 shows Hb 9.4 gm/dL (Ref. value 10.7- 15.0), total leukocyte count 5.9x109/L (Ref. value 4.5- 13.5), platelet count 1.72 x109/L (Ref. value 1.5-4.5) and total RBC count is 3.35 x109/L (Ref. value 4.1-5.3). Definite improvement in eye sight of the patient has been observed. Height is reported to increase by 5 inches. The body weight observed to increase by 12 kg. Change in the color of hairs of patient noticed. The results of the study indicate that Tinospora cordifolia, Azadirachta indica and Emblica officinalis is to be effective in the management of SAA. Drugs have the potential to cure the disease. These are available in natural form everywhere in India free of cost or on nominal payment.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2015

(21) Application No.1014/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED BIOMASS FEED SYSTEM INCLUDING GAS ASSIST

(51) International classification :C10G1/02,C10L1/32
(31) Priority Document No :13/568994
(32) Priority Date :07/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049335
Filing Date :03/07/2013
(87) International Publication No :WO 2014/025479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KIOR INC.
Address of Applicant :13001 Bay Park Road Pasadena Texas 77507 U.S.A.
(72)**Name of Inventor :**
1)SMITH Edward J.

(57) Abstract :
An improved biomass feed system and processes for transporting biomass to downstream processing locations are disclosed. The system uses a pressurized gas to assist in the transporting of the biomass to the conversion reactor.

No. of Pages : 28 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1036/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXTERNALLY REINFORCED WATER ELECTROLYSER MODULE

(51) International classification :C25B9/00,C25B15/08
(31) Priority Document No :61/700550
(32) Priority Date :13/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000767
Filing Date :11/09/2013
(87) International Publication No :WO 2014/040165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEXT HYDROGEN CORPORATION
Address of Applicant :2680 Matheson Blvd Suite 102 Mississauga Ontario L4W 0A5 Canada
(72)**Name of Inventor :**
1)WILSON Chris
2)STEMP Michael
3)HINATSU James

(57) Abstract :
A structural plate with external reinforcing means is provided for an electrolyser module. The structural plate defines at least one degassing chamber and a half cell chamber opening. The external reinforcing means contact the structural plate for mitigating outward displacement of the structural plate in response to fluid pressure within the structural plate. The structural plate and the external reinforcing means define interlocking features for achieving contact and corresponding mechanical reinforcement.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1061/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AZAINDOLE CARBOXYLIC ACID AMIDES AND AZAINDOLE THIOCARBOXYLIC ACID AMIDES FOR USE AS INSECTICIDES AND ACARICIDES

(51) International classification :C07D471/04,A01N43/90
(31) Priority Document No :12180826.5
(32) Priority Date :17/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/066905
Filing Date :13/08/2013
(87) International Publication No :WO 2014/026984
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER CROPSCIENCE AG
Address of Applicant :Alfred Nobel Str. 50 40789 Monheim Germany
(72)**Name of Inventor :**
1)HEIL Markus
2)ANDREE Roland
3)HEILMANN Eike Kevin
4)JESCHKE Peter
5)RIEDRICH Matthias
6)ILG Kerstin
7)GOERGENS Ulrich
8)VOERSTE Arnd

(57) Abstract :
The invention relates to Compounds of general formula (I), in which R1 to R6, A, Y, X, Q1, Q2, n and m are defined as cited in the description, to a method for the production of said Compounds and to the use of same as insecticides and acaricides.

No. of Pages : 133 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1087/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS FOR THE TREATMENT OF HEPATITIS B AND HEPATITIS D INFECTIONS

(51) International classification :A61K47/48,A61K31/519,A61K31/7088
(31) Priority Document No :61/695040
(32) Priority Date :30/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/050377
Filing Date :17/05/2013
(87) International Publication No :WO 2014/032176
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)REPLICOR INC.
Address of Applicant :Suite D 101 6100 Royalmount Avenue Montral Qubec H4P 2R2 Canada
(72)**Name of Inventor :**
1)BAZINET Michel
2)VAILLANT Andrew

(57) Abstract :
It is disclosed a method for the treatment of HBV infection or HBV/HDV co infection the method comprising administering to a subject in need of treatment a first pharmaceutically acceptable agent that removes the hepatitis B surface antigen from the blood and a second pharmaceutically acceptable agent which stimulates immune function.

No. of Pages : 73 No. of Claims : 98

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1113/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PUSH BUTTON SWITCH

(51) International classification :H01H13/30
(31) Priority Document No :2013067096
(32) Priority Date :27/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/000421
Filing Date :28/01/2014
(87) International Publication No :WO 2014/155920
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO. LTD.
Address of Applicant :1 61 Shiromi 2 chome Chuo ku Osaka shi Osaka 5406207 Japan
(72)**Name of Inventor :**
1)SHIBATA Kiwamu
2)OKUNO Hirohisa
3)KUSAGAWA Takashi
4)BABA Kazuya

(57) Abstract :
The present invention makes it easy to reduce the component costs of and assemble a slide cam in a push button switch used in a piano switch and a return spring for said slide cam. With a slide cam (33) positioned between a push button handle (34) and a spring piece (35) in a height direction (Z-direction) the spring piece (35) is affixed to the push button handle (34) thereby making the slide cam (33) the spring piece (35) and the push button handle (34) into a single unit. Each lengthwise (X-direction) end of the slide cam (33) has an angled part (33b) that contacts a reversing handle and the spring piece (35) has a rectangular opening (35a) the long direction of which is the length direction in which the angled parts (33b) of the slide cam (33) protrude towards the reversing handle. Each of two second return springs (40) is a flat spring obtained by bending one of the widthwise (Y-direction) edges (35b) of the spring piece (35) in the height direction and then bending same such that the second return springs (40) are parallel to each other at a prescribed angle with respect to the width direction. Said second return springs (40) press on lengthwise end surfaces (33c) of the slide cam (33).

No. of Pages : 29 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.1995/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOTORCYCLE

(51) International classification :b62k
(31) Priority Document No :2013-150296
(32) Priority Date :19/07/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)IKEDA, Yoshihiro
2)TAKAHASHI, Shota

(57) Abstract :
There is provided a motorcycle. A vehicle body frame is comprised of: one tank rail tube extending rearwards from a head pipe; a pair of right and left body tubes branched rightwards and leftwards from a rear end portion of the tank rail tube and extending downwards; a pair of right and left seat rail tubes extending rearwards respectively from upper parts of the right and left body tubes; and a pair of right and left seat pillar tubes bridging respectively between intermediate parts of the right and left seat rail tubes and lower parts of the body tubes. A fuel tank is arranged so as to extend from a rear part of the head pipe of the vehicle body frame over front parts of the seat rail tubes while bridging over the tank rail tube in a right and left direction. The fuel tank comprises an in-tank type fuel pump arranged at a rear part of the fuel tank facing the front parts of the seat rail tubes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1065/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SPRINGBACK AMOUNT EVALUATION METHOD

(51) International classification :B21D22/00,G06F17/50
(31) Priority Document No :2012238497
(32) Priority Date :30/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/076402
Filing Date :27/09/2013
(87) International Publication No :WO 2014/069136
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)KANO Hirotaka
2)SONOBE Osamu

(57) Abstract :
The springback evaluation method pertaining to the present invention has: an intersecting plane setting step (S1) for setting at predetermined intervals a plurality of intersecting planes intersecting the shape of a press molded article; a cross sectional shape acquisition step (S3) for acquiring for each of the set intersecting planes the cross sectional shape of the press molded article; a cross sectional shape direction acquisition step (S5) for acquiring the orientation of each of the cross sectional shapes in each of the intersecting planes as the direction of the respective cross sectional shape; and a springback amount evaluation step (S9) for evaluating the springback amount by comparing the direction of the cross sectional shape relative the acquired standard shape and the post mold release shape in all the intersecting planes. The intersecting plane setting step (S1) the cross sectional shape acquisition step (S3) and the cross sectional shape direction acquisition step (S5) or a position specification point coordinates acquisition step (S7) are each performed for the standard shape and the post mold release shape of the press molded article.

No. of Pages : 43 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1093/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPOSITION COMPRISING AN ANTIBIOTIC AND A BETA LACTAMASE INHIBITOR WHEREIN AT| LEAST ONE OF THEM IS IN THE FORM OF MINI TABLETS

(51) International classification	:A61K9/20,A61K31/424,A61K31/43
(31) Priority Document No	:12182026.0
(32) Priority Date	:28/08/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/067599 :26/08/2013
(87) International Publication No	:WO 2014/033077
(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)DSM SINOCHEM PHARMACEUTICALS NETHERLANDS B.V.
Address of Applicant :P.O.Box 245 Alexander Fleminglaan 1 NL 2613 AX Delft Netherlands
(72)**Name of Inventor :**
1)MEESTERS Gabriel Marinus Henricus
2)SPROS Ferdinand Antoine

(57) Abstract :
The present invention relates to a composition comprising a first granule with an antibiotic and a second granule with a -lactamase inhibitor wherein at least one of the granules is a mini tablet (a particle with defined dimensions) a composition contained in a sachet pharmaceutical compositions comprising mini tablets the use of mini tablets and a process for the preparation of mini tablets.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1123/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VARIABLE MAGNIFICATION OPTICAL SYSTEM OPTICAL DEVICE HAVING SAME VARIABLE MAGNIFICATION OPTICAL SYSTEM AND METHOD FOR MANUFACTURING VARIABLE MAGNIFICATION OPTICAL SYSTEM

(51) International classification :G02B15/20,G02B13/18,G03B5/00
(31) Priority Document No :2012-189692
(32) Priority Date :30/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/073020
Filing Date :28/08/2013
(87) International Publication No :WO 2014/034728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIKON CORPORATION
Address of Applicant :12-1 Yurakucho 1 chome Chiyoda ku Tokyo 1008331 Japan
(72)**Name of Inventor :**
1)UEHARA Takeru
2)SUZUKI Takeshi

(57) Abstract :
By the present invention it is possible to provide a variable magnification optical system an optical device having the optical system and a method for manufacturing a variable magnification optical system the variable magnification optical system being provided with optical performance whereby fluctuation in aberration during variation of magnification is reduced and it is possible to respond to fluctuation in aberration during camera shake correction by satisfying predetermined conditions by a configuration in which the variable magnification optical system has in order from the object a first lens group (G1) having a negative refractive power a second lens group (G2) having a positive refractive power a third lens group (G3) having a negative refractive power and a fourth lens group (G4) having a positive refractive power an interval between the first lens group (G1) and the second lens group (G2) changes an interval between the second lens group (G2) and the third lens group (G3) changes and an interval between the third lens group (G3) and the fourth lens group (G4) changes during variation of magnification from a wide angle end state to a telephoto end state and at least one single lens of the second lens group (G2) is an anti vibration lens group (VL) for moving so as to include a component in the direction orthogonal to the optical axis.

No. of Pages : 113 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.229/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM FOR HEAT DISSIPATION FROM AN INTERNAL ACTUATOR IN A ROTOR BLADE

(51) International classification :B23B
(31) Priority Document No :13/227,181
(32) Priority Date :07/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BELL HELICOPTER TEXTRON INC.
Address of Applicant :P.O. BOX 482, FORT WORTH, TEXAS - 76101, UNITED STATES U.S.A.
(72)**Name of Inventor :**
1)SCHANK, TROY, C.
2)MCGLAUN, MONTE, A.

(57) Abstract :
A rotor blade for an aircraft includes an airfoil skin, an active element, and an actuator configured to operate the active element. A heat pipe is configured to promote heat transfer from the actuator to the airfoil skin. The heat pipe has a slope gradient such that a centrifugal force generated during rotation of the rotor blade promotes travel of a condensed working fluid within the heat pipe to move from a condenser end of the heat pipe toward an evaporator end of the heat pipe.

No. of Pages : 18 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1044/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STACKABLE INTERLOCKABLE BUILDING ELEMENTS AND A SYSTEM INCLUDING SUCH ELEMENTS

(51) International classification :E04B2/10,E04B2/20,E04C1/40
(31) Priority Document No :2012/05127
(32) Priority Date :10/07/2012
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2013/055659
Filing Date :10/07/2013
(87) International Publication No :WO 2014/009892
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WOLFOWITZ Steven
Address of Applicant :18 Neels Street 6520 Hartenbos South Africa
(72)**Name of Inventor :**
1)WOLFOWITZ Steven

(57) Abstract :
This invention concerns a stackable intertockable building element 10, 26 for use in constructing a structure 100 such as a wall or building. The building element 10, 26 is typically in the form of a bag and includes a body 12 having flexible walls defining an internal cavity which is in use filled with a filling medium. The walls 18, 20 of the body which in use are the top and bottom walls have holes 20.1, 20.2 extending through them such that when filled the holes in the top and bottom walls align to receive a vertically extending support 22 therein. The support 22 secures the building elements 10, 26 to one another when stacked. This invention further extends to a building system including the building elements 10, 26 and a method of constructing a structure using such building elements.

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1068/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DRUG ELUTING SURGICAL SCREW

(51) International classification :A61B17/86
(31) Priority Document No :61/683262
(32) Priority Date :15/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054671
Filing Date :13/08/2013
(87) International Publication No :WO 2014/028449
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SYNTHES GMBH
Address of Applicant :Eimattstrasse 3 CH 4436 Oberdorf Switzerland
(72)**Name of Inventor :**
1)ARMBRUSTER David
2)PANDEY Anurag

(57) Abstract :
The present invention provides a drug eluting surgical screw and a method for manufacturing a drug eluting surgical screw. The drug eluting surgical screw may include a shaft having a threaded portion a head having a drive recess disposed at a proximal end of the shaft the drive recess having a reservoir region and a driver engagement region and at least one or more drug eluting components disposed within the reservoir region of the drive recess in a manner that does not substantially impair a connection between a driver and the surgical screw when the driver is operably disposed within the driver engagement region each of the at least one or more drug eluting components including a carrier matrix and a therapeutic agent the therapeutic agent being at least 20 wt% of the drug eluting component prior to any implantation of the drug eluting surgical screw.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1100/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FABRIC CARE COMPOSITION

(51) International classification :C11D3/50,C11D1/02,C11D1/38
(31) Priority Document No :12184377.5
(32) Priority Date :14/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/US2013/059568
Filing Date :13/09/2013
(87) International Publication No :WO 2014/043422
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)SAVEYN Pieter Jan Maria
2)DEMEYERE Hugo Jean Marie
3)CLARE Jonathan Richard
4)RAVIDAT Nans Elian

(57) Abstract :
A rinsing aqueous fabric care composition used to fight malodour on damp fabric. The composition comprises from 0 wt% to 5 wt% of anionic surfactant from 0 wt% to 3 wt% of cationic surfactant and a specifically designed perfume.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2014

(21) Application No.2312/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : REFRIGERATING CYCLE SYSTEM AND AIR CONDITIONING SYSTEM

(51) International classification :B60H 1/32
(31) Priority Document No :2013-219785
(32) Priority Date :23/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Hitachi Appliances, Inc.
Address of Applicant :16-1, Kaigan 1-chome, Minato-ku, Tokyo, Japan
(72)**Name of Inventor :**
1)Tomohito AKIYAMA
2)Tetsuya TADOKORO
3)Akihiro MURAKAMI
4)Hitomi JITSUKAWA
5)Taiga FUCHINO
6)Takashi ISEKI

(57) Abstract :
In order to solve a problem of adjusting effectively an air amount in the refrigerant, when difluoromethane (HFC32) is used for the refrigerant in the refrigerating cycle system, the present invention provides a refrigerating cycle system 1000 that is provided with a refrigerant circuit circulating a refrigerant 100 by connecting using pipes: a compressor 1 in which difluoromethane (HFC32) 10 as the refrigerant 100 and refrigerator oil including phenolic DBPC (2,6-di-t-btl--craess aonl) a ntioxidant are sealed; a condenser 2; an expansion unit 3; and an evaporator 4, wherein an air amount (pressure) contained in the refrigerant 100 is 20 kPa or less.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2014

(21) Application No.2313/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RAILROAD SAFETY DEVICE AND ASSOCIATED DETECTION METHOD

(51) International classification :G08B
(31) Priority Document No :13 58069
(32) Priority Date :20/08/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) 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)ALSTOM TRANSPORT TECHNOLOGIES
Address of Applicant :3 av Andre' Malraux 92300 Levallois-Perret, France
(72)**Name of Inventor :**
1)BALGHITI, Youssaf
2)COMTE, Renaud, Jacques
3)LEFEBVRE, Marc, Daniel, Alfred

(57) Abstract :
The invention relates to a railroad safety device including a waveguide (15), characterized in that the waveguide (15) comprises an electrically conductive strip (45) and an electrically conductive cable (50) each placed between rails (30) of a railroad track (10) suitable for allowing the circulation of a railroad vehicle, the strip (45) and the cable (50) being positioned across from one another, extending parallel to a longitudinal axis (X-X) of the rails (30) and separated by a layer of dielectric material, advantageously air, the cable (50) being electrically isolated from a wire supplying the railroad vehicle with electricity.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.1996/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LIQUID STOPPER AND ELECTRONIC CIGARETTE USING SAME

(51) International classification :A24F
(31) Priority Document No :201320708720.4
(32) Priority Date :12/11/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHENZHEN FIRST UNION TECHNOLOGY CO., LTD.
Address of Applicant :1-3F, Building C, Gaoxin Industry Zone, Tangwei Village, Fuyong Town, Baoan District Shenzhen, Guangdong 518000, China;
(72)**Name of Inventor :**
1)LI, Yonghai
2)XU, Zhongli
3)DUAN, Hongxing
4)CAI, Long

(57) Abstract :
A liquid stopper for an electronic cigarette, includes a main body configured for stopping a tobacco liquid of the electronic cigarette. The main body includes a bottom surface, at least one wire hole in communication with the bottom surface, and at least one wire groove formed in the bottom surface and in communication with the at least one wire hole. The at least one wire hole is configured to receive at least one conductive wire of the electronic cigarette, and the at least one wire groove is configured to guide the at least one conductive wire to a peripheral wall of the main body. An electronic cigarette using the liquid stopper is also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.1997/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BATTERY ASSEMBLY AND ELECTRONIC CIGARETTE HAVING SAME

(51) International classification :H01M10/42
(31) Priority Document No :201320588244.7
(32) Priority Date :24/09/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHENZHEN FIRST UNION TECHNOLOGY CO., LTD.
Address of Applicant :1-3F, Building C, Gaoxin Industry Zone, Tangwei Village, Fuyong Town, Baoan District Shenzhen, Guangdong 518000, China;
(72)**Name of Inventor :**
1)LI, Yonghai
2)XU, Zhongli

(57) Abstract :
The present disclosure relates to an exemplary battery assembly for an electronic cigarette. The battery assembly includes a housing, a battery received in the housing, an AAES electrically connected with the battery, an end cover fixed at one end of the housing, and a holder. The end cover defines a receiving space. The holder includes a bottom wall, a side wall, and a plurality of spaced protruding stages. The side wall extends from a first surface of the bottom wall. The protruding stages are formed on an opposite second surface of the bottom wall. The side wall and the bottom wall cooperatively define an accommodating space. The AAES is received in the accommodating space in such a manner that the protruding stages face the battery. The holder is received in the receiving space.

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

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

(21) Application No.2347/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ULTRASONIC TESTING SENSOR AND ULTRASONIC TESTING METHOD

(51) International classification	:G10K 11/34
(31) Priority Document No	:2013-170048
(32) Priority Date	:20/08/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MITSUBISHI HITACHI POWER SYSTEMS, LTD.
Address of Applicant :3-1 Minatomirai 3-chome, Nishi-ku, Yokohama, Kanagawa 220-8401, Japan
(72)**Name of Inventor :**
1)SUZUKI Yutaka
2)CHIBA Hiroaki
3)KUDO Takeshi

(57) Abstract :
An ultrasonic testing sensor and an ultrasonic testing method are provided which achieve a high sensitivity of 5 three-dimensional ultrasonic testing and a high S/N ratio, do not require development of a sensor for each inspection object, and reduce the cost of developing a sensor. The ultrasonic testing method is performed with the use of the ultrasonic testing sensor while a total length d, 10 extending in a direction parallel to an ultrasonic scanning direction, of ultrasonic elements to be simultaneously excited with a single exciter is controlled to be in a range ensuring that 2d . sin0 = n . h, where h is a wavelength of an ultrasonic wave, n is an integer of 1 or 2, and 8 is an 15 angle at which the ultrasonic wave is incident.

No. of Pages : 46 No. of Claims : 8

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

(21) Application No.2348/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INFORMATION SYSTEM OF WATER DISTRIBUTION NETWORK

(51) International classification :G05B
(31) Priority Document No :2013-193647
(32) Priority Date :19/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI, LTD.
Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan
(72)**Name of Inventor :**
1)SANGU Yutaka
2)YOKOI Hiroto
3)TAKEMOTO Takeshi
4)TACHI Takahiro

(57) Abstract :
An information system of a water distribution pipe network includes a pipe network data base 3 10 that stores pipe network information, a water quantitylwater quality data base 320 that stores a flow rate and a residual chlorine concentration of a water distribution pipe network, a pipe network calculating means 350 that calculates residual chlorine concentration in a pipe line without abnormality and a pipe line with abnormality, a prioritized inspection section designating means 360 that extracts a section having a large degree of abnormality, sensors 2 10, 220,230 arranged in at least a start point and an end of a section and capable of measuring water quality and flow rate, a renewal plan preparing means 370 that diagnoses actual pipe line abnormality degree and prepares and changes a renewal plan based on diagnosis results, and a calculation result storing data base 330 that stores results.

No. of Pages : 25 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1031/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POWER CONVERSION APPARATUS

(51) International classification :H02M7/12,B60L9/24
(31) Priority Document No :2013-011332
(32) Priority Date :24/01/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/000290
Filing Date :22/01/2014
(87) International Publication No :WO 2014/115539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOSHIBA
Address of Applicant :1-1 Shibaura 1-chome Minato-ku Tokyo 1058001 Japan
(72)**Name of Inventor :**
1)KOUNO Yuusuke
2)NAKAZAWA Yosuke
3)SUZUKI Kentaro
4)HASEGAWA Ryuta
5)MAKINO Tomoyuki

(57) Abstract :
A power conversion apparatus comprises a first converter connected to a second converter. The first converter includes a first capacitor and the second converter includes a second capacitor connected in series to a third capacitor. The capacitors are each connected in parallel with a respective resistor. The power conversion apparatus also includes a bypass switch connected in parallel to the first converter and in series to the second converter. A control module is configured to control a single phase output voltage by operation of the first converter the second converter and the bypass switch.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1057/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GUIDE TUBE GUIDE DEVICE AND METHOD FOR USING GUIDE DEVICE

(51) International classification :A61B1/00,A61M25/01,G02B23/24
(31) Priority Document No :2012157558
(32) Priority Date :13/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/069127
Filing Date :12/07/2013
(87) International Publication No :WO 2014/010722
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KIMURA Masashi
Address of Applicant :5 9 Namazehigashimachi Nishinomiya shi Hyogo 6691103 Japan
(72)**Name of Inventor :**
1)KIMURA Masashi

(57) Abstract :
This guide tube (10) has an initial shape that is pre-designed on the basis of the shape of an interior space (30) and is deformed from the initial shape to another shape when an external force is applied but recovers the initial shape when the applied external force is removed. Preferably the guide tube (10) has a first end (11) the first end (11) being closed off.

No. of Pages : 45 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1085/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR SPAMMER HOST DETECTION FROM NETWORK FLOW DATA PROFILES

(51) International classification :H04L29/06
(31) Priority Document No :13/547174
(32) Priority Date :12/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049964
Filing Date :10/07/2013
(87) International Publication No :WO 2014/011799
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELCORDIA TECHNOLOGIES INC.
Address of Applicant :One Telcordia Drive 5g116 Piscataway NJ 08854 4157 U.S.A.
2)KDDI CORPORATION
(72)**Name of Inventor :**
1)VASHIST Akshay
2)GOTTLIEB Yitzchak M.
3)GHOSH Abhrajit
4)SAWAYA Yukiko
5)KUBOTA Ayumu

(57) Abstract :
A system and method for spammer host detection from network flow data profiles comprises constructing one or more cluster profiles and detecting spammer hosts. Construction cluster profiles comprises observing network flow data from one or more hosts; for each host representing the network flow data associated with the host as a multidimensional vector; clustering the vectors of the hosts into the plurality of cluster profiles; annotating each cluster profile using at least one of black lists and white lists; and calculating a confidence in each cluster profile annotation. Detecting spammer hosts comprises observing the network flow data from a new host; representing the network flow data associated with the new host as a multidimensional vector and placing the new multidimensional vector of the new host into one cluster profile of the one or more cluster profiles.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1118/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PLA POLYMER COMPOSITION

(51) International classification :C08F283/02,B29B7/42,C08L51/08
(31) Priority Document No :1257724
(32) Priority Date :09/08/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051666
Filing Date :11/07/2013
(87) International Publication No :WO 2014/023884
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ARKEMA FRANCE
Address of Applicant :420 Rue dEstienne dOrves F 92700 Colombes France
(72)**Name of Inventor :**
1)QUINEBECHE Sbastien
2)FLAT Jean Jacques

(57) Abstract :
The present invention relates to a polymer composition said polymer having a main chain consisting of a polylactic acid the main chain including a plurality of unsaturated acid anhydride grafts characterized in that said main chain also includes activating comonomer grafts. The invention also relates to a manufacturing method and to a use linked to said polymer composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.237/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SUBMOUNT, SUBMOUNT ASSEMBLY, AND SUBMOUNT ASSEMBLING METHOD

(51) International classification :B23B
(31) Priority Document No :2011-022540
(32) Priority Date :04/02/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SONY CORPORATION
Address of Applicant :1-7-1 KONAN, MINATO-KU, TOKYO, JAPAN
2)TOHOKU UNIVERSITY
(72)**Name of Inventor :**
1)HIDEKI WATANABLE
2)RINTARO KODA
3)MASARU KURAMOTO
4)KAORI NAGANUMA
5)HIROYUKI YOKOYAMA

(57) Abstract :
A submount having a structure and a configuration resistant to an increase in manufacturing cost and a reduction in yields or reliability, and including an oblique waveguide is provided. A submount having a first surface and allowing a semiconductor light-emitting element including a waveguide to be fixed on the first surface, the waveguide having an axis line inclined at ΘWG (degrees) with respect to a normal to a light-incident/emission end surface of the semiconductor light-emitting element, and made of a semiconductor material with a refractive index nLE, the submount includes: a fusion-bonding material layer on the first surface; and an alignment mark formed in the fusion-bonding material layer, the alignment mark allowed to be recognized at an angle θSM=sin_1[nLE-sin(θWG)/n0], where a refractive index of a light-transmitting medium in proximity to the outside of the light-incident/emission end surface of the semiconductor light-emitting element is n0.

No. of Pages : 105 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1042/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : YEAST STRAINS ENGINEERED TO PRODUCE ETHANOL FROM ACETATE

(51) International classification :C12N1/19,C12N9/02,C12N9/04
(31) Priority Document No :12181937.9
(32) Priority Date :28/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067342
Filing Date :20/08/2013
(87) International Publication No :WO 2014/033019
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands
(72)**Name of Inventor :**
1)KLAASSEN Paul
2)KOLEN Catharina Petronella Antonia Maria
3)VAN MARIS Antonius Jeroen Adriaan
4)PRONK Jacobus Thomas

(57) Abstract :
The present invention relates to a yeast cell comprising: a) a disruption of deletion of one or more gene native in the yeast cell coding for an enzyme having glycerolphosphate dehydrogenase (GPD) activity; b) an exogenous polynucleotide coding for an enzyme having aldehyde oxidoreductase activity wherein the polynucleotide comprises a nucleotide sequence coding for an amino acid sequence with at least 50% amino acid sequence identity with SEQ ID NO: 12.

No. of Pages : 73 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1126/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MICROCAPSULE COMPOSITIONS AND METHODS

(51) International classification :C12P19/34,A61K9/50,A61K9/52
(31) Priority Document No :61/683192
(32) Priority Date :14/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054797
Filing Date :13/08/2013
(87) International Publication No :WO 2014/028537
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)10X GENOMICS INC.
Address of Applicant :7068 Koll Center Parkway Suite 401 Pleasanton CA 94566 U.S.A.
(72)**Name of Inventor :**
1)HINDSON Benjamin
2)SAXONOV Serge

(57) Abstract :
This disclosure provides microwell capsule array devices. The microwell capsule array devices are generally capable of performing one or more sample preparation operations. Such sample preparation operations may be used as a prelude to one more or more analysis operations. For example a device of this disclosure can achieve physical partitioning and discrete mixing of samples with unique molecular identifiers within a single unit in preparation for various analysis operations. The device may be useful in a variety of applications and most notably nucleic acid based sequencing detection and quantification of gene expression and single cell analysis.

No. of Pages : 57 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.230/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED WIND TURBINE CONTROL METHODS AND SYSTEMS

(51) International classification :B23B
(31) Priority Document No :P201100090
(32) Priority Date :31/01/2011
(33) Name of priority country :Spain
(86) International Application No :NA
Filing Date :NA
(87) 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)GAMESA INNOVATION & TECHNOLOGY, S.L.
Address of Applicant :AVENIDA CIUDAD DE LA INNOVACION, 9-11, 31621 SARRIGUREN, (NAVARRA) SPAIN
(72)**Name of Inventor :**
1)HERNANDEZ MASCARELL, OCTAVIO
2)LOPEZ RUBIO, JOSE MARIA

(57) Abstract :
Improved wind turbine control methods and systems. The invention relates to a method for the operation of a variable speed wind turbine having pitch and torque control means that include additional steps for providing to the pitch control means in case of a wind gust a pitch angle reference increment Dθref in the amount needed for avoiding that the aerodynamic torque added by the wind gust exceeds a predetermined limit. The present invention also relates to a wind turbine comprising a control system arranged for performing an additional regulation in case of wind gust.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2014

(21) Application No.2377/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR CONTROLLING AN INJECTOR PLACED IN A MOTOR VEHICLE EXHAUST LINE

(51) International classification	:G01N 33/00
(31) Priority Document No	:FR 1359037
(32) Priority Date	:19/09/2013
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) 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)CONTINENTAL AUTOMOTIVE FRANCE
Address of Applicant :1, Avenue Paul Ourliac - 31100 Toulouse – FRANCE
2)CONTINENTAL AUTOMOTIVE GmbH
(72)**Name of Inventor :**
1)HEMBERT, Brice
2)MAERTENS, Steven
3)VAN VUUREN, Nic

(57) Abstract :
The subject of the present invention is a method for controlling an injector (1) placed in a motor vehicle exhaust line (2) for the metered injection of a liquid, such as notably a reducing agent, characterized in that it consists in commanding openings of said injector for lengths of time that are suited to ensuring that the flow of liquid delivered upon each of the openings consists in a drop of liquid by commanding constant injector-opening times and adjusting the metered dose of liquid injected by varying the frequency of such openings.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2014

(21) Application No.2378/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONTAINER COVER TO CLOSE A TRANSPORT AND/OR STORAGE CONTAINER

(51) International classification :B65D43/22
:DE 10
(31) Priority Document No 2013 109 280.2
(32) Priority Date :27/08/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMPELKAMP NUKLEARTECHNIK GMBH
Address of Applicant :SIEMPELKAMPSTRASSE 45, 47803 KREFELD, GERMANY
(72)**Name of Inventor :**
1)TRAGSDORF, INGA MAREN
2)KIENITZ, STEFAN
3)KOLLMANN, FELIX BENEDICT
4)PETERS, OLIVER

(57) Abstract :
The object of the invention is a container cover (5) to close a filling opening (4) in a transport and/or storage container, in particular a temporary and/or permanent storage container for contaminated and/or activated substances, with at least two grooves (9) on the inside of the container cover (5) that are arranged at an interval to one another, with at least two gaskets (8) each arranged in a groove (9), and with a bypass device (18) to circulate (19) a gas, the bypass device (18) being connected with at least one groove (9) in such a way that an undefined gas volume (17) confined by the gasket (8) and the groove (9) can escape through the bypass device (18).

No. of Pages : 26 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1040/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR OPERATING A METERING DEVICE

(51) International classification :F01N3/20
(31) Priority Document No :10 2012 107 430.5
(32) Priority Date :14/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/066670
Filing Date :09/08/2013
(87) International Publication No :WO 2014/026912
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH
Address of Applicant :Hauptstrae 128 53797 Lohmar Germany
(72)**Name of Inventor :**
1)HODGSON Jan
2)BAUER Peter
3)SVEN SCHEPERS

(57) Abstract :
The invention relates to a method for operating a metering device (1) for a liquid additive comprising at least one pump (2) with a movable pump element (3) which carries out pumping movements in order to pump the liquid additive and comprising at least one injector (4) which is connected to a pressure side (20) of the pump (2) via a pressure line (5) and which can be opened in order to meter the liquid additive. In the method the injector (4) is opened in a step a). In step b) the liquid additive is then metered and the pumping movements are counted during the metering process. In step c) the injector (4) is then closed. In step d) the number of the pumping movements ascertained in step b) are then compared with the opening time of the injector (4) between step a) and step c) in order to carry out a diagnosis of the operation of the metering device (1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015
(21) Application No.1066/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR CONTROLLING SOLIDIFICATION COMPLETION POSITION AND DEVICE FOR CONTROLLING SOLIDIFICATION COMPLETION POSITION

(51) International classification :B22D11/16,B22D11/22
(31) Priority Document No :2012179703
(32) Priority Date :14/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/069693
Filing Date :19/07/2013
(87) International Publication No :WO 2014/027543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)ASANO Kazuya
2)SHIMAMOTO Hiroyuki

(57) Abstract :
A temperature calculation unit (101) estimates the surface temperature of a slab by a heat transfer model using the operating conditions of a continuous casting machine. A parameter correction unit (102) corrects at least one parameter included in the heat transfer model from among thermal conductivity a heat transfer coefficient between a mold and a solidifying shell and a heat transfer coefficient of a secondary cooling zone so that the measured value of the surface temperature of the slab and the estimated value of the surface temperature of the slab match each other. A solidification completion position control unit (103) performs the following: estimates the slab temperature and the solidification completion position of the slab by a heat transfer model using the corrected parameter; calculates an operation amount of a secondary cooling water amount from the deviation from a previously established solidification completion position target value; estimates the slab temperature and solidification completion position by a heat transfer model using a parameter obtained by plugging in a secondary cooling water amount obtained by adding the calculated operation amount to the corrected parameter which is a function of the secondary cooling water amount; and controls the secondary cooling on the basis of the calculated operation amount if a predetermined operating constraint condition is satisfied.

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1129/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POLYISOCYANATE COMPOSITION AND ISOCYANATE POLYMER COMPOSITION

(51) International classification :C07C265/04,C07C15/44,C07C263/18
(31) Priority Document No :2012242136
(32) Priority Date :01/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/079639
Filing Date :31/10/2013
(87) International Publication No :WO 2014/069605
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASAHI KASEI CHEMICALS CORPORATION
Address of Applicant :1-105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan
(72)**Name of Inventor :**
1)SHINOHATA Masaaki
2)MIYAKE Nobuhisa

(57) Abstract :
The present invention relates to a polyisocyanate composition which comprises, based on the total mass of the poly isocyanate composition: 97 weight% or more of a polyisocyanate; 2.0 mass ppm to 1.0x10 4 mass ppm of a compound which is different from the polyisocyanate and has at least one unsaturated bond, or 5.0 mass ppm to 2.0x10 4 mass ppm of at least one type of inactive compound selected from the group consisting of a hydrocarbon compound, an ether compound, a sulfide compound, a halogenated hydrocarbon compound, a silicon-containing hydrocarbon compound, a silicon-containing ether compound and a silicon-containing sulfide compound.

No. of Pages : 235 No. of Claims : 20

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

(21) Application No.2382/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD TO CONTROL A HYBRID VEHICLE SO AS TO PREVENT THE HYBRID VEHICLE FROM MOVING BACKWARD OR FORWARD WHEN IT STOPS ON A SLOPING ROAD SURFACE

(51) International classification :B60W20/00
(31) Priority Document No :BO2013A000469
(32) Priority Date :30/08/2013
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MAGNETI MARELLI S.p.A.
Address of Applicant :CORBETTA Viale Aldo Borletti, 61/63, Italy
(72)**Name of Inventor :**
1)Daniele BENASSI
2)Andrea LEONI
3)Francesco MONACELLI
4)Massimo ZANOTTI

(57) Abstract :
A method to control a hybrid vehicle provided with an internal combustion engine (2), a servo-assisted transmission (1) and a reversible electrical machine (14) suited to generate a torque (C) to be transmitted to the drive wheels; the method comprises recognizing the occurrence of the condition in which the hybrid vehicle stands still on a sloping road surface; calculating an objective drive torque (Cobj) to be delivered to the drive wheels so as to keep the hybrid vehicle still on the sloping road surface; and controlling the reversible electrical machine (14) so as to deliver to the drive wheels the objective drive torque (Cobj) needed to keep the hybrid vehicle still on the sloping road surface.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1018/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PIPERIDINIUM QUATERNARY SALTS

(51) International classification :C07D211/40,C07D211/54
(31) Priority Document No :61/681415
(32) Priority Date :09/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052626
Filing Date :30/07/2013
(87) International Publication No :WO 2014/025569
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHASE PHARMACEUTICALS CORPORATION
Address of Applicant :1825 K Street NW Suite 520 Washington District of Columbia 20006 U.S.A.
(72)**Name of Inventor :**
1)CLARENCE SMITH Kathleen E.
2)CHASE Thomas N.

(57) Abstract :
There are described new l-alkyl-l-methyl-4-[(2,2-diphenyl-2-propoxy)acetoxy]piperidinium halides and pharmaceutical compositions comprising a l-alkyl-l-methyl-4-[(2,2-diphenyl-2-propoxy)acetoxy]piperidinium halide as an active ingredient. These products are non-selective muscarinic acetylcholine receptor antagonists acting in the periphery and not in the brain.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1064/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MECHANICAL TRACKING SYSTEM

(51) International classification :G01B5/004,A61B19/00,B25J11/00
(31) Priority Document No :61/671701
(32) Priority Date :14/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000631
Filing Date :15/07/2013
(87) International Publication No :WO 2014/012163
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNIVERSITY OF WESTERN ONTARIO
Address of Applicant :The Gordon Mogenson Bldg. Suite 105 100 Collip Circle London Ontario N6G 4X8 Canada
2)CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION
(72)**Name of Inventor :**
1)BAX Jeffrey
2)FENSTER Aaron

(57) Abstract :
A mechanical tracking system comprises a first set of linkage arms a second set of linkage arms a pair of shafts connected at first end to one arm of the first set of linkage arms and at a second end to one arms of said second set of the linkage arms wherein each arm of the second set of linkage arms is oriented out of phase with a respective arm of the first set of linkage arms an attachment shaft positioned adjacent to the first set of linkage arms to accommodate a tool and a sensor arrangement configured lo sense the orientation and position of the attachment shaft.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1092/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HAIR CARE POLYMER

(51) International classification :A61K8/88,A61K8/73,A61K8/81
(31) Priority Document No :12184650.5
(32) Priority Date :17/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/068807
Filing Date :11/09/2013
(87) International Publication No:WO 2014/041019
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen Netherlands
(72)**Name of Inventor :**
1)DAENEN Robin Elisabeth Maria Jacobus
2)DERKS Franciscus Johannes Marie
3)WEBER Dirk
4)WILZ Ruediger

(57) Abstract :
The invention relates to a hair care composition comprising at least one cationic film forming polymer selected from the group of Polyquaternium and at least one quaternized hyperbranched polymer having end groups of formula (I) characterized in that said quaternized hyperbranched polymer is obtainable by preparation of a hyperbranched polymer having dimethylamino end groups by condensation of 2-dodecen 1-ylsuccinic anhydride diisopropanolamine and N-N-bis[3-(dimethylamino)propyl]amine followed by quaternization of the dimethylamino end groups to end groups of formula (I).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.231/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POWDER MICRO-SPARK DEPOSITION SYSTEM AND METHOD

(51) International classification :B23B
(31) Priority Document No :201110032999.4
(32) Priority Date :30/01/2011
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)LIU YONG
2)WU YINGNA
3)CAI GUOSHUANG
4)CHEN XIAOBIN
5)LI YANMIN

(57) Abstract :
A powder micro-spark deposition system is provided. The deposition system includes an electrode and a powder feed channel configured within or at least partially surrounding the electrode for guiding powder comprising electrically conductive material into a gap between the electrode and the substrate. A powder micro-spark deposition method is also provided.

No. of Pages : 27 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2014

(21) Application No.2311/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INERTIAL RESPONSE FUNCTION FOR GRIDS WITH HIGH TURBINE PENETRATION

(51) International classification :H02J 3/00
(31) Priority Document No :14/054,368
(32) Priority Date :15/10/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Siemens Aktiengesellschaft
Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen, GERMANY
(72)**Name of Inventor :**
1)NIELSEN KAJ SKOV
2)NELSON ROBERT J.

(57) Abstract :
It is described a method for compensating at least partially a frequency deviation in a grid, the method comprising: determining (100) a grid frequency and applying (120) the grid frequency to a grid frequency criterion (110). In case (120) the grid frequency meets the grid frequency criterion (110), determining (130) a set of wind turbines (320) from a wind turbine power plant fleet (300) based on the grid fre-quency criterion (110), and transmitting (140) a command for a transient frequency response to the set of wind turbines (320).

No. of Pages : 26 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.239/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A TURBINE FLUID METER

(51) International classification :B23B
(31) Priority Document No :10 305 477.9
(32) Priority Date :21/04/2011
(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

(71)**Name of Applicant :**
1)ITRON FRANCE
Address of Applicant :52, RUE CAMILLE DESMOULINS, 92130 ISSY LES MOULINEAUX, FRANCE
(72)**Name of Inventor :**
1)BOUZID TAREK
2)ROBERJOT ERIC

(57) Abstract :
The invention relates to a turbine fluid meter comprising a vessel (1) provided with a fluid inlet tube (2) and a fluid outlet tube (3), the respective end faces thereof being parallel to a plane (A-A) containing the axis of rotation of said turbine and referred to as a vertical transverse plane, the end faces being designed for connecting respectively to a delivery pipe and to a discharge pipe for the fluid, said vessel (1) containing a measuring device comprising the turbine (4) with an overlying plate (5), said fluid inlet tube (2) having its longitudinal axis inclined relative to said vertical transverse plane, and said fluid outlet tube (3) having its longitudinal axis perpendicular to said vertical transverse plane. According to the invention, the distance between the inlet face of a filter (7A) fitted to said fluid inlet tube (2) and said vertical transverse plane (A-A) is constant and the length of said fluid outlet tube (3) is variable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1138/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ADHESIVE ARTICLES UTILIZING RELEASE AGENTS FREE OF SILICON AND FLUORINE AND RELATED METHODS

(51) International classification :B32B27/30,B32B27/32,C09J7/02
(31) Priority Document No :61/678319
(32) Priority Date :01/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/053238
Filing Date :01/08/2013
(87) International Publication No :WO 2014/022673
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AVERY DENNISON CORPORATION
Address of Applicant :150 N. Orange Grove Blvd. Pasadena CA 91103 U.S.A.
(72)**Name of Inventor :**
1)HENDERSON Kevin O.
2)HOLBERT Victor P.

(57) Abstract :
The present subject matter provides an adhesive article having a release agent or liner that is free of silicon containing and fluorine containing material and related methods of adhering a backing material of the adhesive article to a substrate. The adhesive article utilizes an amorphous polyvinyl alcohol layer that facilitates removal of an optional release liner from an adhesive layer. Upon removal of the release liner the amorphous polyvinyl alcohol layer remains disposed on the adhesive layer. A method of adhering the backing material to a substrate includes dissolving the amorphous polyvinyl alcohol layer and disposing the backing material to a substrate. During dissolution of the amorphous polyvinyl alcohol layer a weak temporary bond is formed between the substrate and the backing material. When the amorphous polyvinyl alcohol layer substantially dissolves and dries the adhesive layer is exposed and forms a permanent bond with the substrate.

No. of Pages : 36 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2014

(21) Application No.2322/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APPARATUS FOR THE AFTER-COOLING OF BASES

(51) International classification	:B29C 49/64
(31) Priority Document No	:10 2013 109 907.6
(32) Priority Date	:10/09/2013
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KRONES AG
Address of Applicant :Boehmerwaldstrasse 5 93073 Neutraubling GERMANY
(72)**Name of Inventor :**
1)Alexander DACHS
2)Andreas STEINER
3)Erik BLOCHMANN
4)Ulrich LAPPE

(57) Abstract :
The invention relates to a method of after-cooling of the bases of blown out containers, wherein after the transfer of the blown out containers from a blow moulding machine to a run-out star wheel which directly follows the blow moulding machine along a conveying direction of the containers a cooling of the bases of the containers is carried out by means of at least one apparatus for cooling the bases, wherein the cooling of the bases of the containers starts immediately during a time interval of at least 0.1 seconds and at most 2 seconds after a pressure release of the containers by the blow moulding machine after the blowing out.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2014

(21) Application No.2323/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR REMOVING AND REINSTALLING WEAPON SIGHT WITHOUT CHANGING BORESIGHT

(51) International classification :H04N17/00
(31) Priority Document No :61/909,624
(32) Priority Date :27/11/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAE SYSTEMS Information & Electronic Systems Integration Inc.
Address of Applicant :P.O. Box 868 NHQ1-719 Nashua, NH 03061-0868 U.S.A.
(72)**Name of Inventor :**
1)Choiniere, Michael J.

(57) Abstract :
A system and method for removing and reinstalling a sight of a weapon without changing a boresight is disclosed. A reference optical device is installed on a rail of the weapon and then the sight is installed on the rail. An attitude determination unit determines a change in attitude of the sight with respect to the boresight. The aim point of the weapon in the sight is compensated accordingly based on the change in attitude without changing the boresight by utilizing a compensation module. This allows retaining the boresight even when the weapon sight is removed and reinstalled. Thus weapon sight can be mounted anywhere on a weapon without the need to boresight the weapon.

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

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

(21) Application No.2402/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AUTOMATIC CLEANING APPARATUS FOR GUN BARREL

(51) International classification	:F41A 31/02
(31) Priority Document No	:10-2013-0103882
(32) Priority Date	:30/08/2013
(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

(71)**Name of Applicant :**
1)SOOSUNG MACHINERY CO., LTD.
Address of Applicant :(Dalchun-dong) 39, Nonggongdanji 3-gil, Buk-gu, Ulsan, 683-470 Republic of Korea
(72)**Name of Inventor :**
1)AN, Sang Jin

(57) Abstract :
Disclosed herein is an automatic cleaning apparatus for a gun barrel which includes cleaning means joined to a cylindrical body moving back and forth to the inside and the outside of the gun barrel by a transferring roller interlocking with a motor so as to clean the inside of the gun barrel, wherein the cleaning means includes: a cylindrical tube having a plurality of insertion holes formed along the circumference thereof; a rotary gear interlocking with the motor; and cleaning members each of which includes a rotary shaft inserted into the insertion hole and a bevel gear joined to the lower portion of the rotary shaft and interlocking with the rotary gear to rotate the cleaning member. The insertion hole includes a small hole having a cross sectional form which is a part of a circle corresponding to the cross section of the rotary shaft, and a large hole having a cross sectional form which is a part of a circle larger than the largest cross section of the lower part of the rotary shaft. A fixing member fixes the cleaning member by making the cleaning member come into contact with the small hole when the cleaning member is fixed and does not prevent that the cleaning member is separated to the outside of the cylindrical tube through the large hole when the fixed cleaning member is released.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2015

(21) Application No.1013/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LUMINESCENT LANTHANIDE COMPLEX AND ARTICLES AND INKS CONTAINING THE LUMINESCENT COMPLEX

(51) International classification :B41M3/14,C09D11/00
(31) Priority Document No :61/707282
(32) Priority Date :28/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/068570
Filing Date :09/09/2013
(87) International Publication No :WO 2014/048702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SICPA HOLDING SA
Address of Applicant :Av. de Florissant 41 CH 1008 Prilly Switzerland
(72)**Name of Inventor :**
1)THOMAS Frdric
2)LAPORTE Ccile

(57) Abstract :
Luminescent lanthanide complex and inks containing the complex as well as its method of production and article including the complex, wherein the complex includes the formula: wherein M is chosen from the alkali cations Li +, Na+, K+, Rb+and Cs+ and mixtures thereof and is present to neutralize charge of the complex; wherein Ln is chosen from the trivalent rare-earth cations of Ce, Pr, Nd, Sm, Eu, Gd, Tb, Dy, Ho, Er, Tm, and Yb and mixtures thereof; wherein R is a C5 to C6 heteroaryl: wherein Y is an optionally substituted C3-C8 heterocycloalkyl moiety linked to R by an N atom; wherein n is an integer of 3 or 5; and wherein x is an integer of 0 or 1.

No. of Pages : 24 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1034/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LEAF MODULE FOR A MULTI LEAF COLLIMATOR AND MULTI LEAF COLLIMATOR

(51) International classification :A61N5/10,G21K1/04
(31) Priority Document No :12177138.0
(32) Priority Date :19/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065176
Filing Date :18/07/2013
(87) International Publication No :WO 2014/013013
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEUTSCHES KREBSFORSCHUNGSZENTRUM
Address of Applicant :Im Neuenheimer Feld 280 69120 Heidelberg Germany
2)PRECISIS AG
(72)**Name of Inventor :**
1)ECHNER Gernot
2)RUNZ Armin
3)BAUMANN Martin
4)UELTZH–FFER Stefan

(57) Abstract :
The invention relates to a leaf module (102) for a multi leaf collimator (132) comprising a leaf unit (104) and a leaf drive unit (106) wherein the leaf unit (104) comprises a leaf (108) for shielding beams from a selected area and the leaf unit (104) is mounted displaceably in an adjusting direction (110) wherein the leaf drive unit (106) is designed to displace the leaf unit (104) linearly in the adjusting direction (110) and wherein the leaf drive unit (106) comprises at least one drive mechanism (112) being designed in such a way that the drive mechanism (112) operates based on pneumatic actuation. Furthermore the invention relates to a multi leaf collimator (132) comprising a plurality of leaf modules (102) according to the invention. The invention is based on the objective of designing a leaf module (102) and a multi leaf collimator (132) as compactly as possible while achieving a simple reliable and variable adjustability of the leaf unit (104). The invention is regarded to be particularly suitable for implementation in Cobalt 60 or mid to low end linac radiotherapy apparatuses.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1114/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INPUT METHOD AND APPARATUS OF PORTABLE DEVICE

(51) International classification :G06F3/01,G06F3/03,G06T7/20
(31) Priority Document No :1020120091023
(32) Priority Date :21/08/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/007447
Filing Date :20/08/2013
(87) International Publication No :WO 2014/030902
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)KIM Jeonghun

(57) Abstract :
An input apparatus for use in a portable device is provided. The input apparatus includes a camera for capturing an image; a storage unit which stores a key hand mapping table for mapping segments of a hand to a plurality of keys respectively according to predetermined criteria; a display unit displaying the captured image during an input mode; and a control unit which activates the camera in the input mode controls the display unit to display the captured image assign the plural keys to the segments of the hand based on mapping information of the key hand mapping table detect an image change in one of the segments displayed on the display unit and input the key mapped to the segment at which the image change is detected on the display unit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.2409/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONVEYOR SYSTEM DEVICES WITH CONTAMINANT REMOVAL FEATURES

(51) International classification	:B65G 39/02
(31) Priority Document No	:1358218
(32) Priority Date	:27/08/2013
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) 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)SYSTEM PLAST S.R.I.
Address of Applicant :GUARESCHI, NO. 2, 24060 TELGATE-BERGAMO, ITALY
(72)**Name of Inventor :**
1)OSVALDO CARRARA
2)GIULIANO MARELLA
3)ALAIN BERENBACH
4)PHILIPPE SEYER

(57) Abstract :
Various embodiments of conveyor system devices, such as sprockets and idlers, are disclosed. The conveyor components can comprise axial and/or radial openings that facilitate the discharging of debris and other contaminants, which can reduce wear and/or prolong component life. In some embodiments, the conveyor component ramps convey the debris and contaminants to the openings.

No. of Pages : 49 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1049/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FIRE RETARDANT BELT

(51) International classification :D07B1/22,D07B5/04,B66B7/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/047204
Filing Date :18/07/2012
(87) International Publication No :WO 2014/014456
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OTIS ELEVATOR COMPANY
Address of Applicant :10 Farm Springs Road Farmington Connecticut 06032 U.S.A.
(72)**Name of Inventor :**
1)ORELUP Mark F.
2)GUILANI Brad
3)SHERRICK Kathryn Rauss
4)LOTFI Amir
5)YANG Hong

(57) Abstract :
A belt and a method for manufacturing a belt is provided. The belt includes a plurality of lengthwise extending tension members and a jacket. The jacket substantially retains the plurality of tension members. The jacket has a first side region a second side region and a center region between the first and second side regions. The first and second side regions of the jacket are more fire retardant than the center region of the jacket.

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1106/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING RESIN COMPOSITION CONTAINING ACTIVE PARTICLES

(51) International classification :C08J3/20,C08K3/08,C08L101/00
(31) Priority Document No :2012161627
(32) Priority Date :20/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/069645
Filing Date :19/07/2013
(87) International Publication No :WO 2014/014083
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI GAS CHEMICAL COMPANY INC.
Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku Tokyo 1008324 Japan
(72)**Name of Inventor :**
1)MASUDA Akihiro
2)ITOU Yoshiki
3)MICHIBA Kiyonori

(57) Abstract :
A method for producing a resin composition that contains at least a thermoplastic resin and active particles which are dispersed in the thermoplastic resin and are reactive with oxygen in the atmosphere. This method for producing a resin composition comprises: a step wherein the active particles are protected with a dispersion medium so that oxygen in the atmosphere is prevented from coming into contact with the active particles; a step wherein the dispersion medium is removed by melt mixing the thermoplastic resin with the active materials that have been protected with the dispersion medium so that the dispersion medium is substituted by the thermoplastic resin; and a step wherein the thermoplastic resin in which the active particles are dispersed is cooled and solidified.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2014

(21) Application No.2338/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PAPER-SHEET MANAGEMENT SYSTEM AND PAPER-SHEET MANAGEMENT METHOD •

(51) International classification :G06K9/18
(31) Priority Document No :2013-173848
(32) Priority Date :23/08/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GLORY LTD.
Address of Applicant :3-1, Shimoteno 1-chome, Himeji-shi, Hyogo-ken, Japan
(72)**Name of Inventor :**
1)TOSHIHIDE ASADA
2)TETSUYA TAMEIKE
3)YOSHINOBU MATSUOKA

(57) Abstract :
A paper-sheet management system includes: a memory unit 30 configured to store at least specific information and a 5 plurality of output formats, the specific information being obtained when a banknote is handled by a banknote handling machine 400, 500, 600, and having recognition information including a serial number; and a control unit 20 configured to process the specific information in accordance with any one of 10 the output formats, and to output the processed specific information.

No. of Pages : 64 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.2413/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR DETECTING A DEVIATION OF AN ACTUAL INJECTION QUANTITY FROM A TARGET INJECTION QUANTITY OF AN INJECTOR OF AN INTERNAL COMBUSTION ENGINE

(51) International classification :F02D
(31) Priority Document No :102013222547.4
(32) Priority Date :06/11/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GmbH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)LEIDECK, Jens
2)BALD, Christian
3)MATTEUCCI, Andrea

(57) Abstract :
The present subject matter relates to a method for detecting a deviation of an actual injection quantity from a target injection quantity of an injector of an internal combustion engine comprising at least two injectors, wherein the at least two injectors are controlled to output the target injection quantity to accelerate the speed of the internal combustion engine from an output rotational speed (n0) to a target rotational speed (nmax), wherein the actual speed (101) is detected over time and a change in the actual speed (101) per unit time is determined as a rotational speed gradient (102, 202), wherein a variable depending on the rotational speed gradient (102, 202) is determined and is compared to a normal interval (105).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/08/2014

(21) Application No.2414/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD FOR THE PUNCHING IN AND ATTACHMENT OF A FASTENER ELEMENT AND CORRESPONDING DIE BUTTON

(51) International classification :B21D 39/03
(31) Priority Document No :102013217213.3
(32) Priority Date :28/08/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROFIL Verbindungstechnik GmbH & Co. KG
Address of Applicant :Otto-Hahn-Strasse 22-24, 61381 Friedrichsdorf Germany
(72)**Name of Inventor :**
1)BABEJ, Jiri
2)HUMPERT, Richard

(57) Abstract :
The present invention relates to a method for the punching in and attachment of the fastener element to a planar workpiece, in particular to a sheet metal part. During the punching in of the fastener element in the workpiece a movably arranged die plunger of the die button is pressed with a predetermined pressing force against the workpiece. The pressing force is adapted such that the die plunger first moves once a slug has been cut out of the workpiece by a piercing section of the fastener element.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/05/2013

(21) Application No.1652/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A MULTI-SEROTYPE OUTER MEMBRANE VESICLES (MOMV) OF SHIGELLAE AS A NOVEL CANDIDATE VACCINE

(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)INDIAN COUNCIL OF MEDICAL RESEARCH
Address of Applicant :V. RAMALINGASWAMI BHAWAN, Ansari Nagar, New Delhi 110 029, India
(72)**Name of Inventor :**
1)Hemanta Koley
2)Soma Mitra
3)Santasabuj Das
4)Manoj Kumar Chakrabarti

(57) Abstract :
This invention relates to a vaccine formulation against Shigellosis comprising the outer membrane vesicles (OMVs) of antigen from six serotypes of Shigella which includes- Shigella dysenteriae type 1 from sero-group A, Shigella flexneri 2a from sero group B, Shigella flexneri 3a and Shigella flexneri 6 from sero group B, Shigella boydii type 4 from sero group C and Shigella sonnei (phase - 1) from sero group D.

No. of Pages : 20 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/06/2013

(21) Application No.1927/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IN-HOUSE ELISA FOR FERRITIN AS MARKER FOR ASSESSING BIOAVAILABILITY OF IRON USING CACO-2 CELL LINE

(51) International classification :G01N33/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN COUNCIL OF MEDICAL RESEARCH (ICMR)
Address of Applicant :V. RAMALINGASWAMI BHAWAN ANSARI NAGAR,NEW DELHI India
(72)**Name of Inventor :**
1)KRISHNAPILLAI MADHAVAN NAIR
2)PULLAKHANDAM RAGHU
3)PUNJAL RAVINDER

(57) Abstract :
This invention relates to a process for the assessment of bioavailability of iron in test foods comprising the steps of culturing Caco-2 cells in 6-well plate in a medium to obtain differentiated Caco-2 cells, subjecting test foods by simulated in vitro gastric digestion followed by in vitro intestinal digestion to obtain an intestinal digest, replacing the medium in the transwell plates with fresh medium adding the intestinal digest in an insert provided with a dialysis membrane and inserting the insert into the wells of the 6-well plates, subjecting the plate to incubation followed by removal of the digest and a step of further incubation, harvesting the cells, lysing the cells to obtain a cell lysate, followed by estimating cellular ferritin content in the cell lysate using a ELISA kit.

No. of Pages : 22 No. of Claims : 15

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

(21) Application No.2350/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELECTRIC MACHINE WITH PROJECTING CONDUCTOR BARS

(51) International classification :H02K
(31) Priority Document No :102013218133.7
(32) Priority Date :11/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GmbH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)HENGER, Martin
2)SCHROEDER, Bernd
3)RANGASAMY, Sekar

(57) Abstract :
The present invention relates to an electric machine with protruding conductor bars (8 to 17), which lead to different assemblies of the electrical machine (1) and pairs of projecting end regions (21, 22) are each electrically conductively connected to each other to form a permanent electrical connection between the different assemblies. A covering fixture (!8) mounted on housing (7) of the electrical machine (1) fixes the interconnected conductor bars (8 to 17) at its ends or damps or otherwise absorbs in vibration limiting manner.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.2419/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CEILING SYSTEM WITH CEILING ELEMENT MOUNTING BRACKETS

(51) International classification :E04B 9/12
(31) Priority Document No :1315277.2
(32) Priority Date :28/08/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ARMSTRONG WORLD INDUSTRIES INC.
Address of Applicant :2500 COLUMBIA AVENUE, LANCASTER, PENNSYLVANIA 17603 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)NICOLAS HARPER
2)TORQUIL GOODWIN
3)MATHEW WOOLLAM

(57) Abstract :
A ceiling system in one embodiment includes a longitudinally-extending support member mountable from a ceiling and a clamping bracket attachable to the support member for supporting a ceiling element. The clamping bracket includes a cavity that receives the support member at least partially therein. A resiliently deformable elastic member has a movable bearing surface positioned in the cavity of the clamping bracket. The elastic member is movable from an undeflected inactive position to a deflected active position in response to inserting the support member into the cavity of the clamping bracket. The elastic member applies a force on the support member to help retain the clamping bracket on the support member.

No. of Pages : 28 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.242/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THERMAL FLOW SENSOR

(51) International classification :H01S
(31) Priority Document No :2011-017384
(32) Priority Date :31/01/2011
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI AUTOMOTIVE SYSTEMS, LTD.
Address of Applicant :2520, TAKABA, HITACHINAKA-SHI, IBARAKI 312-8503 Japan
(72)**Name of Inventor :**
1)ASANO SATOSHI
2)MATSUMOTO MASAHIRO
3)NAKANO HIROSHI
4)HANZAWA KEIJI

(57) Abstract :
There is provided a thermal flow sensor including a heater temperature controller that realizes stable startup characteristics and preventing degradation of a sensor element and can also accommodate a smaller heater. The thermal flow sensor comprises: a semiconductor substrate; a cavity portion provided in the semiconductor substrate; a dielectric film provided on the semiconductor substrate so as to cover the cavity portion; a thin layer area formed as a result of the dielectric film covering the cavity portion; a heating resistor provided in the thin layer area on the dielectric film; a first temperature-sensitive resistor provided in the thin layer area on the dielectric film, a resistance value of the first temperature-sensitive resistor varying depending upon temperature; a heating controller that controls temperature of the heating resistor on the basis of temperature of the first temperature-sensitive resistor; a second temperature-sensitive resistor provided near the heating resistor, a resistance value of the second temperature-sensitive resistor varying depending upon temperature; and a flow rate detector that detects a flow rate of a fluid on the basis of temperature of the second temperature-sensitive resistor. The heating controller controls the temperature of the heating resistor on the basis of a first reference temperature, which is a target temperature of the first temperature-sensitive resistor, and a second reference temperature, which is an escape temperature of the first temperature-sensitive resistor.

No. of Pages : 34 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2014

(21) Application No.2365/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WATER TREATMENT CONTROL APPARATUS

(51) International classification :B01J49/00
(31) Priority Document No :2013-184597
(32) Priority Date :06/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI, LTD.
Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan
(72)**Name of Inventor :**
1)YAMANOI Ichiro
2)NISHIDA Yoshinori
3)NAMAKURA Nobuyuki

(57) Abstract :
In a technology of a conventional water treatment control apparatus, in addition to a dissolved oxygen (DO) concentration meter that is recommended to be installed at the end of an aerobic tank in an ordinary sewage treatment plant, an expensive ammonia meter is similarly installed at the end of the aerobic tank for control. In the present invention, a water treatment control apparatus includes influent water (I) being water to be treated; a biological reactor (1 0) in which the influent water flows; an upstream aerobic tank (1 1) that is located upstream as a part of the biological reactor; a downstream aerobic tank (12) that is located downstream as a part of the biological reactor; an inflow water quality estimation unit that estimates water quality of the influent water; an upstream aerobic tank water quality estimation unit (22) that estimates water quality of the upstream aerobic tank; a downstream aerobic tank water quality estimation unit (23) that estimates water quality of the downstream aerobic tank; an upstream aerobic tank air volume calculation unit (32) that calculates an air volume to the upstream aerobic tank on the basis of estimation results of the inflow water quality estimation unit and the upstream aerobic tank water quality estimation unit; and a downstream aerobic tank air volume calculation unit (34) that calculates an air volume to the downstream aerobic tank on the basis of estimation results of the upstream aerobic tank water quality estimation unit and the downstream aerobic tank water quality estimation unit, wherein water quality estimated by the downstream aerobic tank estimation unit is indicated by dissolved oxygen concentration, and water quality estimated by the inflow water quality estimation unit and the upstream aerobic tank water quality estimation unit contains a substance in which a value varies through oxidation due to oxygen.

No. of Pages : 36 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2014

(21) Application No.2366/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELEVATOR SAFETY SYSTEM

(51) International classification :B66B1/28
(31) Priority Document No :2013-213297
(32) Priority Date :11/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Hitachi, Ltd.
Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan
(72)**Name of Inventor :**
1)INOUE Shinsuke
2)OMIYA Akihiro
3)HOSHINO Takamichi
4)YABUUCHI Tatsushi
5)TAKAYAMA Naoki
6)TORIYABE Jun

(57) Abstract :
An elevator safety system of the present invention includes an elevator controller to move an elevator car, a 5 plurality of safety devices provided for a hoistway inside or an elevator car, and a safety controller supplied with a signal from several safety devices. The elevator safety system stops an elevator car when the safety device operates. The safety-device includes a manual group, a hoistway group, and an elevator 10 car group. The manual group integrates several stop switches operated manually. The hoistway group integrates several switches provided in a hoistway. The elevator car group integrates several switches provided for an elevator car. 19/19

No. of Pages : 22 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014
(21) Application No.2441/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LOWER BODY MIMETIC EXERCISE DEVICE WITH FULLY OR PARTIALLY AUTONOMOUS RIGHT AND LEFT LEG LINKS AND ERGONOMICALLY POSITIONED PIVOT POINTS

(51) International classification :A63B
(31) Priority Document No :61/871,710
(32) Priority Date :29/08/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OCTANE FITNESS, LLC
Address of Applicant :7601 Northland Drive North, Suite 100 Brooklyn Park, Minnesota 55428 U.S.A.
(72)**Name of Inventor :**
1)LUGER, Nathan R.
2)COY, Thomas C.
3)NESTANDE, Mark R.
4)BOYLES, Daniel C.
5)ROSENOW, Charles J.

(57) Abstract :
An exercise device having (-) left and right leg linkages, each including (i) an upper leg member pivotally coupled to the frame for pivoting about an upper pivot point with the upper pivot points defining a laterally extending upper pivot axis, and (ii) a lower leg member directly pivotally coupled to the upper leg member distal to the upper pivot point for pivoting about a lower pivot point, and (-) a foot support attached to each lower leg member distal to the respective lower pivot point. The invention characterized by an ergonomically synergistic spatial orientation and relationship amongst and between the upper leg members, lower leg members, upper pivot axis, lower pivot axis, hip region of a user, knees of a user, a biased damping means in communication with the lower leg members, and an interconnect member interconnecting the lower leg links with and the biased damping means

No. of Pages : 63 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/05/2013

(21) Application No.1411/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROXIMITY METAL DETECTOR

(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)MINDA INDUSTRIES LIMITED
Address of Applicant :Village Nawada Fatehpur, P.O. Sikanderpur Badda, Distt. Gurgaon, Haryana-122004. India
(72)**Name of Inventor :**
1)Amit Shah
2)Raju Machindranath Sadigale
3)Prashant Kumar Badiger

(57) Abstract :
The present invention relates to a proximity metal detector. More particularly, the present invention relates to an inductive type proximity metal detector. The metal detector may be configured to detect the presence of the metal in the close vicinity using a colpitt oscillator. The metal detector may include an intelligent logic control unit to intelligently sense and monitor the temperature of the system. Attached to the intelligent control unit may a temperature compensation feedback unit that may work as feedback for the intelligent control unit to adjust the system temperature. The metal detector may be configured to work in a diverse range of temperature with high degree of accuracy.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.2002/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CIRCULATOR WITH FERRITE ELEMENT ATTACHED TO WAVEGUIDE SIDEWALLS •

(51) International classification :h01p
(31) Priority Document No :13/949,668
(32) Priority Date :24/07/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONEYWELL INTERNATIONAL INC.
Address of Applicant :101 Columbia Road, POB 2245, Morristown, N.J. 07962-2245, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)ADAM M. KROENING

(57) Abstract :
A circulator comprises a thermally conductive waveguide housing having a plurality of hollow waveguide arms that communicate with a central cavity, with the hollow waveguide arms each having at least one inner sidewall surface that is angled toward the central cavity. A ferrite element is disposed in the central cavity of the waveguide housing. The ferrite element includes a central portion and a plurality of ferrite segments that extend from the central portion. The ferrite segments each protrude into a separate waveguide arm along the at least one inner sidewall surface, with at least one side of each ferrite segment attached to the at least one inner sidewall surface.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2014

(21) Application No.2367/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELECTRIC VEHICLE

(51) International classification :B60K23/04
(31) Priority Document No :2013-192056
(32) Priority Date :17/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
Address of Applicant :300, Takatsuka-Cho, Minami-Ku, Hamamatsu-Shi, Shizuoka-Ken 432-8611, Japan
(72)**Name of Inventor :**
1)EGUCHI Teppei

(57) Abstract :
An electric vehicle such as an electric motorcycle includes: a vehicle body; a vehicle body frame having a head pipe t h a t holds a front wheel in a steerable manner; a swing arm holding a rear wheel in a swingable manner in a vertical direction of the vehicle body; an electric motor arranged to a substantially central portion between the front wheel and the rear wheel; a battery arranged in a space between the head pipe and the electric motor and inside the vehicle body frame in a manner deviated to either one of sides in a width direction of the vehicle body; and a rear suspension tilted forward and arranged inside the vehicle body frame and above the electric motor in a manner deviated another one of the sides in the width direction of the vehicle body. The rear suspension suspends the swing arm on the vehicle body frame and i s overlapped with the battery in a side view of the vehicle.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2014

(21) Application No.2368/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD OF CHECKING AND SORTING OBJECTS

(51) International classification :B07C7/02
(31) Priority Document No :PI 2013701505
(32) Priority Date :26/08/2013
(33) Name of priority country :Malaysia
(86) International Application No :NA
Filing Date :NA
(87) 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)MXPAC SDN BHD
Address of Applicant :NO. 54, JALAN IKS BUKIT TENGAH, TAMAN IKS BUKIT TENGAH, 14000 BUKIT MERTAJAM, PENANG, MALAYSIA
2)REVO INTEGRATION SDN BHD
(72)**Name of Inventor :**
1)LEE WAI SOON
2)LEE SOH KOON

(57) Abstract :
The present invention relates to system and method of checking and sorting objects (101), particularly checking and sorting on objects such as ICs and the like on a feeder bowl, whereby said feeder bowl does not need to be changed in order to accommodate different sizes of objects to be inspected and sorted, the speed of the feeder bowl can be adjusted automatically according to the needs, jig (109) conversion can be done easily and continuous feeding can be performed to improve productivity.

No. of Pages : 23 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012
(21) Application No.244/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CALIBRATED PHACOTIP WITH CONCENTRIC SLIT SLEEVE FOR MICROINCISIONAL PHACOEMULSIFICATION

(51) International classification :B64D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DR. PRAEEN KUMAR MALIK
Address of Applicant :207, BANK ENCLAVE, LAXMI NAGAR, NEW DELHI-110092, INDIA
(72)**Name of Inventor :**
1)DR. PRAVEEN KUMAR MALIK

(57) Abstract :
An improved phacoemulsification needle i.e. phacotip with an external marking on the tip for calibration. The phacotip has one groove at 1.0mm from the leading edge of the tip and two bands each 0.2mm wide and 0.2mm apart starting 2.2mm from the tip i.e. band 1 starts generally from 2.2 mm and goes on till 2.4 mm from the tip; and band 2 starts generally from 2.6mm and goes on till 2.8mm from the tip The phacotip is encased in a phacosleeve through which the irrigation fluid flows. The phacosleeve is a silicon infusion phacosleeve with concentric irrigation ports extends upto or beyond 1.25mm from the leading edge which reduces the risk of incisional fluid loss. It also reduces the surgical time by obviating the need for repositioning the phacosleeve during surgery.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1037/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTERNALLY REINFORCED WATER ELECTROLYSER MODULE

(51) International classification :C25B9/00,C25B15/08
(31) Priority Document No :61/700534
(32) Priority Date :13/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/000768
Filing Date :11/09/2013
(87) International Publication No :WO 2014/040166
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEXT HYDROGEN CORPORATION
Address of Applicant :2680 Matheson Blvd. East Suite 102 Mississauga Ontario L4W 0A5 Canada
(72)**Name of Inventor :**
1)WILSON Chris
2)STEMP Michael
3)HINATSU James

(57) Abstract :
A structural plate is provided for an electrolyser module. The structural plate defines at least one degassing chamber and a half cell chamber opening. The structural plate is reinforced with at least one internal reinforcing means mounted to the structural plate for mitigating outward displacement of the structural plate in response to fluid pressure within the structural plate. The structural plate defines holding features for locating and holding the internal reinforcing means.

No. of Pages : 35 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1090/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SECONDARY PART SET DENTAL IMPLANT GINGIVA SHAPER IMPRESSION PART DENTAL IMPLANT SYSTEM AND METHOD FOR PRODUCING AN IMPLANT

(51) International classification :A61C8/00
(31) Priority Document No :NA
(32) Priority Date : -
(33) Name of priority country :
(86) International Application No :PCT/EP2012/065821
Filing Date :13/08/2012
(87) International Publication No :WO 2014/026706
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CAMLOG BIOTECHNOLOGIES AG
Address of Applicant :Margarethenstrasse 38 CH 4053 Basel Switzerland
(72)**Name of Inventor :**
1)SOLˆR Christoph
2)VACCARO Antonio

(57) Abstract :
The secondary part (17) according to the invention for securing on and/or in a dental implant is suitable for receiving a tertiary part. The secondary part (17) comprises a secondary part body (22) having a seat (21) in the inside and a secondary part screw (20) that is received or can be received in the seat. The secondary part (17) has a screwing in arrangement in the form of a contour for receiving a screwing in tool by means of which the dental implant connected to the secondary part (17) is screwed into a jaw bone.

No. of Pages : 51 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1122/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POLE TUBE FOR AN ACTUATOR DEVICE

(51) International classification :H02K1/14,F02M59/36,F02M59/46
(31) Priority Document No :10 2012 214 624.5
(32) Priority Date :17/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/066708
Filing Date :09/08/2013
(87) International Publication No :WO 2014/026922
(61) 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)Kellner Andreas
2)SCHNITTGER Dirk
3)ZAISER Liebhart
4)SELKE Andre
5)ENGELBERG Ralph
6)KATZ Martin

(57) Abstract :
The invention relates to a pole tube for an actuator device comprising at least one magnet. In order to improve the pole tube for an actuator device comprising at least one magnet the pole tube (24) is combined with at least one coil carrier (101, 102).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.236/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS AND RECONFIGURABLE SYSTEMS TO OPTIMIZE THE PERFORMANCE OF A CONDITION BASED HEALTH MAINTENANCE SYSTEM

(51) International classification :G11B
(31) Priority Document No :13/016,601
(32) Priority Date :28/01/2011
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONEYWELL INTERNATIONAL INC.,
Address of Applicant :101 COLUMBIA ROAD, P.O. BOX 2245, MORRISTOWN, NEW JERSEY 07962-2245, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)TIM FELKE
2)DOUGLAS ALLEN BELL
3)DOUGLAS BISHOP
4)JEFF VANDERZWEEP
5)ISSA ALJANABI

(57) Abstract :
Methods and reconfigurable systems are provided for monitoring the health of a complex system. The reconfigurable system comprises a plurality of standardized executable application modules containing instructions to perform one of a plurality of different standardized functions. The system further comprises a plurality of computing nodes arranged in a hierarchical structure comprising one or more layers of computing nodes. Each computing node of the plurality runs a host application and a workflow service module, each computing node thereby being configured by a configuration file that directs the execution of any of the standardized executable application modules in a cooperative fashion by the host application via the workflow service module. The system also comprises a loading means for populating each computing node with one or more standardized executable application modules of the plurality, a communication means, and a configuration means for programming the populated standardized executable application modules.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.2436/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LOCK ARRANGEMENT

(51) International classification :E05B
(31) Priority Document No :20135873
(32) Priority Date :29/08/2013
(33) Name of priority country :Finland
(86) International Application No :NA
Filing Date :NA
(87) 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)ABLOY OY
Address of Applicant :Wahlforssinkatu 20, 80100 JOENSUU, Finland
(72)**Name of Inventor :**
1)VELI-PEKKA KYLL–NEN
2)JARI R„TY

(57) Abstract :
The object of the invention is to provide a novel padlock, which can be used like a normal padlock and also in objects and situations, for which known padlocks are not suitable. A padlock according to the invention comprises two bodies (1, 3), between which is a shackle portion (2). The shackle portion consists of two pins (2A, 2B). Both bodies are to be locked into the shackle portion. The locking of the padlock can be opened and also locked with the key of one or the other of the bodies. In this case, one key can be a key that is normally in use and the other key is less often used.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2014

(21) Application No.2314/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR MINIMIZING THE HARMONIC LOADING FROM A WELDING CURRENT SOURCE AND WELDING CURRENT SOURCE FOR CARRYING OUT THE METHOD

(51) International classification	:B23K
(31) Priority Document No	:10 2013 109 827.4
(32) Priority Date	:09/09/2013
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Lorch Schweisstechnik GmbH
Address of Applicant :Im Anwaender 24-26 71549 Auenwald/ Federal Republic of GERMANY
(72)**Name of Inventor :**
1)AIGNER, Hubert

(57) Abstract :
The invention relates to a method for minimizing the harmonic loading of a single-phase alternating voltage current source from a welding current source (10) comprising a first rectifier circuit (14), a passive power factor correction circuit (16), a clocked bridge circuit (26), a resonant converter (38) and a second rectifier circuit (52), wherein the resonant converter (38) comprises a transformer (40) and a resonant circuit having a first capacitance (44) and a first inductance (42). In order for the harmonic loading to be kept low with a welding current source that is cost-effective to manufacture, it is proposed that a second capacitance (48) and/or a second inductance be connected in parallel to the transformer (40) or the magnetizing inductance of the transformer (40) is used as the second inductance, wherein the ratio of the first capacitance (44) to the second capacitance (48) when the second capacitance (48) is arranged on the primary side corresponds to a value from the range of 1 to 10 and when the second capacitance (48) is arranged on the secondary side corresponds to the quotient of a value from the range of 1 to 10 and the square of the transformation ratio of the transformer (40), and wherein the ratio of the second inductance to the first inductance (42) when the second inductance is arranged on the primary side corresponds to a value from the range of 0.5 to 10 and when the second inductance is arranged on the secondary side corresponds to the quotient of a value from the range of 0.5 to 10 and the square of the transformation ratio of the transformer (40). Further proposed is a welding current source (10) for carrying out the method.

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/08/2014
(21) Application No.2390/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PRODUCING A TUBE PARTIALLY HAVING A NON-CIRCULAR CROSS SECTION AND HAVING CIRCULAR END PORTIONS AND USE THEREOF

(51) International classification	:B29C 53/08
(31) Priority Document No	:10 2013 109 454.6
(32) Priority Date	:30/08/2013
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Schott AG
Address of Applicant :Hattenbergstrae 10, 55122 Mainz (DE) Germany
(72)**Name of Inventor :**
1)SCHULTZ, Nikolaus
2)KATSIKIS, Nikolaos
3)TRINKS, Volker
4)M„NNL, Reinhard

(57) Abstract :
A method for the production of a tube having, in sections, a non-circular profile by deforming, comprising: a) providing a tube (81), which has a circular initial profile (L1); b) conveying the tube (81) in a hot, malleable state through a nip, which is formed by squeezing rollers (1) and has a first nip width, which is larger than or equal to an outer dimension of the initial profile; c) adjusting the squeezing rollers (1) for setting a second nip width, which is smaller than the outer dimension of the initial profile, and deforming the initial profile in said hot, malleable state for obtaining said non-circular cross section (L3); and d) adjusting the squeezing rollers (1) for setting a third nip width, which is larger than or equal to the outer dimension of the initial profile, and severing said tube in a region having a circular cross section; so that respective end portions (L1; L1) of said tube have a circular cross section According to the invention, the tubes can be connected reliably with connecting members or other tubes via the end portions having the circular profile using proven tube connection technologies. At the same time there is at least one central section having a non-circular cross section which is of advantage, for example for applications in photobioreactors.

No. of Pages : 55 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.2463/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METAL NANOPARTICLES-DOPED ANTIBACTERIAL AGENTS AND METHODS OF PREPARATION AND USE

(51) International classification :B82Y
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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
Address of Applicant :Kanpur, Uttar Pradesh, 208016, India
(72)**Name of Inventor :**
1)NISHITH VERMA
2)ASHUTOSH SHARMA
3)PRATEEK KHARE

(57) Abstract :
A metal nanoparticles-doped porous carbon bead having an average size of about 0.4 millimeter (mm) to about 0.6 mm is provided. The metal nanoparticles-doped porous carbon bead is doped with silver, copper,or combinations thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1055/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHOTO CURABLE INK COMPOSITION

(51) International classification :C09D11/10
(31) Priority Document No :12182590.5
(32) Priority Date :31/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2013/058113
Filing Date :29/08/2013
(87) International Publication No :WO 2014/033656
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HEWLETT PACKARD INDUSTRIAL PRINTING LTD.
Address of Applicant :8b Hatzoran Street 42506 Netanya Israel
(72)**Name of Inventor :**
1)COHEN Eytan
2)BRANDSTEIN Or
3)LISITSIN Nataly
4)TRUBNIKOV Alex

(57) Abstract :
A photo curable ink composition including colorant water photo initiator UV curable polyurethane dispersions hydrophobic radiation curable monomers and water soluble or water miscible radiation curable monomers. Also disclosed herein is a method for forming a printed article and an inkjet printing system using said photo curable ink composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1084/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SELF STACKING SPIRAL MODULAR PLASTIC CONVEYOR BELT

(51) International classification :B65G17/08
(31) Priority Document No :61/673019
(32) Priority Date :18/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050508
Filing Date :15/07/2013
(87) International Publication No :WO 2014/014827
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LAITRAM L.L.C.
Address of Applicant :Legal Department 200 Laitram Lane Harahan Louisiana 70123 U.S.A.
(72)**Name of Inventor :**
1)BOGLE David W.
2)TALBOTT Alejandro J.
3)ROSEN Robert L.

(57) Abstract :
A modular spiral belt constructed of a series of hingedly interconnected belt modules arranged in a helical stack. The modular spiral belt includes outer side plates (50) that include openings for airflow and inner side plates (80) that are solid to block airflow. The openings may include valves for selectively opening and closing the openings. A locking mechanism may lock two tiers together. A hold down may apply pressure to prevent destacking of the belt or a guide may be disposed with the helical stack for preventing destacking.

No. of Pages : 35 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1111/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DELIVERY UNIT FOR A LIQUID ADDITIVE

(51) International classification :F01N3/20
(31) Priority Document No :10 2012 108 942.6
(32) Priority Date :21/09/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/069543
Filing Date :20/09/2013
(87) International Publication No :WO 2014/044785
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EMITEC GESELLSCHAFT FR EMISSIONSTECHNOLOGIE MBH
Address of Applicant :Hauptstrae 128 53797 Lohmar Germany
(72)**Name of Inventor :**
1)FERREIRA Julie
2)SUPERNAT Frederic
3)LOIC Badoual
4)MERTES Philippe
5)FIORUCCI Eric
6)MAGUIN Georges

(57) Abstract :
The invention relates to a delivery unit (1) for a liquid additive having a block (2) with ducts (3) on which at least one active component (4) for delivering the liquid additive is mounted wherein at least three ducts (3) in the block (2) open into a cylindrical collecting chamber (5) and a deformable sleeve shaped element (6) is arranged in the collecting chamber (5).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2014
(21) Application No.2196/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HIGHLY REFLECTIVE CRYSTALLINE COLLOIDAL ARRAYS WITH RADIATION ABSORBING PARTICLES

(51) International classification :C30B7/00,C30B29/16,C30B29/54
(31) Priority Document No :PCT/US2012/056907
(32) Priority Date :24/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/028600
Filing Date :01/03/2013
(87) International Publication No :WO 2014/046723
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PPG INDUSTRIES OHIO INC.
Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A.
(72)**Name of Inventor :**
1)VANIER Noel R.
2)DONNELLY John T.
3)XU Xiangling

(57) Abstract :
A radiation scattering composition comprising a plurality of colloidal crystals or aggregates of colloidal crystals each said crystal comprising radiation reflecting particles in a colloidal array and radiation absorbing particles dispersed in the crystals. The composition scatters radiation in a wavelength band in substantially all directions and absorbs radiation.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/08/2014

(21) Application No.2404/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WATERTIGHT CLIP

(51) International classification :F16B 2/20
(31) Priority Document No :2013-177832
(32) Priority Date :29/08/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Daiwa Kasei Kogyo Kabushiki Kaisha
Address of Applicant :1, Aza Kamihirachi, Hobo-cho, Okazaki-shi, Aichi-ken Japan
(72)**Name of Inventor :**
1)HIRAKAWA, Katsuya
2)ASAI, Osamu
3)ITOU, Norihito

(57) Abstract :
A watertight clip may include a watertight clip main body and a packing. The watertight clip main body has a stabilizer, a pillar extending from the stabilizer, engagement legs formed in the pillar, and a packing retainer member.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.2480/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PUNCH RIVET AND METHOD FOR THE ATTACHMENT OF INDIVIDUAL COMPONENTS TO ONE ANOTHER OF WHICH AT LEAST ONE COMPONENT IS FORMED BY A WORKPIECE OF COMPOSITE MATERIAL

(51) International classification :B21J 15/02
(31) Priority Document No :102013217633.3
(32) Priority Date :04/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROFIL Verbindungstechnik GmbH & CO. KG
Address of Applicant :Otto-Hahn-Strasse 22 24 61381 Friedrichsdorf, GERMANY
(72)**Name of Inventor :**
1)Oliver DIEHL
2)Dr. Richard HUMPERT
3)Andreas LEMBACH

(57) Abstract :
A punch rivet for fastening individual components to one another of which at least one component is formed by a workpiece of composite material, with the punch rivet having a flange of larger diameter, a rivet section of smaller diameter and a ring-like component contact surface at the side of the flange adjacent the rivet section and surrounding the rivet section, with the rivet section having at its free end a ring surface for the piercing of the two workpieces which stands at least substantially perpendicular to the central longitudinal axis of the punch rivet and an inner concave ring surface which forms the transition from the end of the punch rivet into the hollow internal space of the rivet section. Ribs extending parallel to the longitudinal axis are provided at the generally cylindrical outer surface of the rivet section and preferably extend up to the free end face of the rivet section. In addition, a method is claimed.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1021/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SINGLE USE CONTROLLED ENVIRONMENT MODULE

(51) International classification :A61L2/20,B01L3/00,A61L2/28
(31) Priority Document No :13/623584
(32) Priority Date :20/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/060827
Filing Date :20/09/2013
(87) International Publication No :WO 2014/047389
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GE HEALTHCARE BIO SCIENCES CORP.
Address of Applicant :800 Centennial Avenue Piscataway New Jersey 08855 U.S.A.
(72)**Name of Inventor :**
1)GALLIHER Parrish M.
2)FISHER Michael
3)HODGE Geoffrey L.

(57) Abstract :
Disclosed herein is a single use controlled environment manufacturing module in the form of a sterile sealed bag formed of a substantially flexible material such that the bag can be inflated and deflated for transport and/or disposal. The flexible bag has one or more access ports and connectors to accommodate a variety of biochemical or pharmaceutical manufacturing processes to be carried out within the flexible bag. The interiors of one or more disclosed modules can be connected forming a module train.

No. of Pages : 39 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015
(21) Application No.1043/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AUTOMATIC WIRE PICKUP METHOD FOR BUILT IN ANTENNA OF DUAL INTERFACE CARD AND DEVICE THEREOF

(51) International classification :G06K19/077
(31) Priority Document No :201210243832.7
(32) Priority Date :13/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/080498
Filing Date :23/08/2012
(87) International Publication No :WO 2014/008706
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CARDMATIX CO. LTD
Address of Applicant :No.109D Luyuan Road Keyuan Cheng Tangxia Town Dongguan Guangdong 523710 China
(72)**Name of Inventor :**
1)XIONG Shuguang

(57) Abstract :
Disclosed are an automatic wire pickup method for the built in antenna of dual interface cards and device thereof. The method comprises: S1: a card is placed on a delivery mechanism so that the antenna ends of the card are substantially perpendicular to the open close direction of a wire pickup clamp; S2: the antenna ends are scanned with OCR so as to form location data of the antenna ends; S3: the preheated wire pickup clamp is controlled to perform wire pickup operation by a main control system according to the location data. The wire pickup clamp melts the card portion beside the antenna ends so that the antenna ends are separated from the card and then the wire pickup clamp clamps and lifts the antenna ends so that the antenna ends stands on the card. The device includes a frame (1) a main control system mounted on the frame (1) a delivery mechanism (2) an OCR scanning group (3) and a wire pickup mechanism (4) which are mounted on the frame (1) and connected to the main control system respectively. The beneficial effects are avoiding card damage during wire pickup improving yield reducing material waste and also improving production efficiency.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/07/2013

(21) Application No.1959/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PROCESS FOR PRODUCING MODIFIED ELECTRODE WHICH CAN BE USED AS A BIOSENSOR FOR ELECTROCHEMICAL DETECTION OF ACTIVATED PLATELETS AND PLATELET-DERIVED MICROPARTICLES

(51) International classification :H01M4/00
(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)DEPARTMENT OF BIOCHEMISTRY
Address of Applicant :Institute of Medical Sciences, BHU, VARANASI-221005 Uttar Pradesh India
(72)**Name of Inventor :**
1)DEBABRATA DASH
2)JYOTSNA KAILASHIYA
3)NITESH SINGH

(57) Abstract :
A biosensor for electrochemical detection of activated platelets and platelet-derived microparticles. A process for producing modified electrode which can be used as a biosensor comprising polishing glassy carbon electrode with alumina slurry, pouring graphene oxide nano material solution on each electrode to cover the whole surface, drying the electrode and washing the same with phosphate buffered saline, pouring EDC and NHS on the electrodes to activate the carboxyl groups on graphene oxide, washing excess EDC-NHS with PBS pouring PAC-1 antibody on each electrode storing the electrodes in humid chamber for at least 1 hour subjecting the electrodes to the step of rinsing with PBS and stored for blocking with 2% bovine serum albumin (BSA) solution inside humid chamber, rinsing the BSA blocked electrodes with Milli- Q water and dried at room temperature in desiccators.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.2482/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AIR-TO-AIR HEAT EXCHANGER BYPASS FOR WET COOLING TOWER APPARATUS AND METHOD

(51) International classification	:F28F 25/12
(31) Priority Document No	:61/877,005
(32) Priority Date	:12/09/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SPX Cooling Technologies, Inc.
Address of Applicant :7401 W. 129th Street, Overland Park, KS 66213, UNITED STATES OF AMERICA .
(72)**Name of Inventor :**
1)MOCKRY, Eldon F.
2)MORTENSEN, Kenneth P.
3)HICKMAN, Craig J.

(57) Abstract :
A cooling tower having an evaporative media along with a liquid distribution system that distributes hot liquid over the evaporative media. The cooling tower includes a pair of heat exchanger modules that each have a first set of passageways in fluid communication with a first flow duct and a second set of passageways in fluid communication with a second flow duct. The heat exchanger module transfers heat from a first air stream into a second air stream. The cooling tower further includes a first bypass flow path that extends between the first heat exchanger module and the second heat exchanger module whereby a bypass door regulates airflow there through.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1115/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTIVALENT HETEROMULTIMER SCAFFOLD DESIGN AN CONSTRUCTS

(51) International classification :A61K38/38
(31) Priority Document No :61/671640
(32) Priority Date :13/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050408
Filing Date :12/07/2013
(87) International Publication No :WO 2014/012082
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZYMEWORKS INC.
Address of Applicant :540 1385 West 8th Avenue Vancouver Bristish Columbia V6H 3V9 Canada
(72)**Name of Inventor :**
1)DIXIT Surjit Bhimarao
2)DANGELO Igor Edmondo Paolo
3)SANCHES Mario
4)NG Gordon Yiu Kon

(57) Abstract :
Provided herein are multifunctional heteromultimer proteins. In specific embodiments is a heteromultimer comprising: at least two polypeptide constructs each polypeptide construct comprising at least one cargo polypeptide attached to a transporter polypeptide said transporter polypeptides derived from a monomeric native protein such that said monomeric constructs associate to form the heteromultimer and said transporter polypeptides associate to form a quasi native structure of the monomeric native protein or analog thereof. These therapeutically novel molecules encompass heteromultimers comprising constructs that function as scaffolds for the conjugation or fusion of therapeutic molecular entities (cargo polypeptides) resulting in the creation of bispecific or multivalent molecular species. Provided herein is a method for creation of bispecific or multivalent molecular species.

No. of Pages : 481 No. of Claims : 100

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/06/2013

(21) Application No.1756/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CABLE LAYING SYSTEM IN HILLY & ROCKY TERRAIN FOR SOLAR POWER PLANT •

(51) International classification :H02G3/00
(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)WELSPUN ENERGY LTD
Address of Applicant :C-11, Sector 65, Noida 201301, U.P., India
(72)**Name of Inventor :**
1)Sandeep Mahesh
2)Mandar Mainde
3)Chakravarthi Srinivas
4)Parth Gupta

(57) Abstract :
The present invention provides a complete cable tray system having only six components. The material used for the cable tray system is made up of Hot rolled steel sheets (of order 1.6 to 2 mm thick) fabricated, galvanized, assembled and installed at site. The column (1) used as the supporting part of system as well as the foundation. The rafter (2) is placed over the column (1) with slotted holes in horizontal direction for maintaining the alignment. The tray assembly consists of runners (5), rungs (4) and cap (6) is then bolted over the rafter (2) by the connection plate (3). The tray assembly is put with the vertical slotted holes to adjust the terrain level difference and alignment. The rungs (4) are welded to the runners at the fabrication workshop at regular intervals for supporting the cables, also contains holes on the top surface to help in dissipation of heat from cables. The cap (6) is bolted at site after lying of cables into the tray and protects the cables from the direct environmental attacks like rain, sun, etc. The width of cable tray is developed based on the number of cables to be laid. The span of column support (1) is developed based on the load, width of cable tray, height of tray and soil conditions. .

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.2497/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GLASS-ELECTRODE RESPONSIVE-GLASS CLEANING LIQUID AND METHOD FOR CLEANING GLASS-ELECTRODE RESPONSIVE-GLASS

(51) International classification :C11D7/10
(31) Priority Document No :2013-180920
(32) Priority Date :02/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HORIBA, LTD.
Address of Applicant :2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8510, Japan.
(72)**Name of Inventor :**
1)SHIBATA, Manabu
2)NISHIMURA, Nahoko
3)MORI, Takeshi
4)YAMANOUCHI, Hisashi
5)OGURA, Katsuaki

(57) Abstract :
To maintain a uniform etching rate during cleaning of a responsive glass in a glass electrode, a responsive-glass cleaning liquid for a glass electrode 1 serves to clean a responsive glass 2 used in the glass electrode 1, is used with a hydrated-layer forming solution for forming a hydrated layer on the surface of the responsive glass 2, and contains ammonium hydrogen fluoride having a predetermined concentration, or a salt of a strong base containing hydrofluoric acid and a fluoride ion.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2498/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SEATBACK

(51) International classification :B60N
(31) Priority Document No :2013-181885
(32) Priority Date :03/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)ATSUMI, Yutaka
2)ISOBE, Satoshi
3)MATSUURA, Mitsuru

(57) Abstract :
A seatback includes a seatback frame, a seatback pad 4, a surface material 5, and an armrest 2. The armrest 2 is configured so as to be able to be switched between an erect storage state in which the armrest 2 is stored in a storage recess 3 of the seatback pad 4 and a use state in which the armrest 2 protrudes toward a seat front side Fr from the storage recess 3. The inner surface of the storage recess 3 is covered with the surface material 5. A resin board 7 is superimposed on and fixed to a back surface 6U of a first surface material part 6 covering a bottom surface 3M of the storage recess 3. The resin board 7 is present between the first surface material part 6 and the seatback pad 4 in the storage recess 3.

No. of Pages : 38 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015
(21) Application No.1124/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DESIGN DEVELOPMENT AND IMPLEMENTATION OF ANALYZER BASED CONTROL SYSTEM AND ALGORITHM

(51) International classification :G06F11/00
(31) Priority Document No :13/557761
(32) Priority Date :25/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051932
Filing Date :25/07/2013
(87) International Publication No :WO 2014/018702
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NALCO COMPANY
Address of Applicant :1601 W. Diehl Road Naperville Illinois 60563 U.S.A.
(72)**Name of Inventor :**
1)WANG Jin
2)HILTON Nigel P.
3)FERGUSON Sam
4)SCATTERGOOD Glenn L

(57) Abstract :
A method of correcting measurements of a chemical sensor used in an industrial facility. The method involves correcting for errors known to occur in the steady state and the dynamic state for specifically recognized situations. This method allows for correcting errors that occur due to deadtime false zero measurements and non linear disturbances. The method combines automated measurement techniques and human know how to progressively learn and refine the accuracy of the corrections.

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2014

(21) Application No.2364/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WIRE TERMINAL STRUCTURE

(51) International classification :H01H
(31) Priority Document No :102216398
(32) Priority Date :30/08/2013
(33) Name of priority country :Taiwan
(86) International Application No :NA
Filing Date :NA
(87) 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)SWITCHLAB INC.
Address of Applicant :8F., No. 66, Zhongzheng Rd., Xinzhuang District, New Taipei City 24243, R.O.C. Taiwan
(72)**Name of Inventor :**
1)WU Chih-Yuan
2)CHEN Wei-Chi
3)LIU Shih-Chung
4)CHANG Shao-Te

(57) Abstract :
A wire terminal structure capable of fully enclosing internal components to prevent external dust or impurity from entering the 5 insulation case to affect the normal operation thereof. The wire terminal structure includes an insulation case and a conductive holding frame disposed in the case. The case is formed with a wire socket and a press window. The conductive holding frame has an elastic holding member corresponding to the wire socket. The elastic 10 holding member is formed with a holding mouth. A push section is disposed on the elastic holding member.corresponding to the press window. A pushbutton is elastically movably disposed in the press window between the press window and the push section. The pushbutton is spaced from the case. When an external force is applied to the 15 pushbutton, the pushbutton is elastically moved to push the push section and open the holding mouth.

No. of Pages : 28 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.2437/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VARIABLE FLOW HYDRAULIC MACHINE

(51) International classification :E02F 9/22
(31) Priority Document No :1315916.5
(32) Priority Date :06/09/2013
(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

(71)**Name of Applicant :**
1)CONCENTRIC BIRMINGHAM LIMITED
Address of Applicant :Unit 10, Gravelly Industrial Park, Erdington, Birmingham B24 8HW, United Kingdom
(72)**Name of Inventor :**
1)BRYAN PARSONS
2)PAUL SHEPHERD
3)STEVEN HODGE (deceased)

(57) Abstract :
A variable flow external rotor hydraulic machine (10, 10™) has an inlet (26, 26™) an outlet (28, 28™), a rotor set having a first rotor (58, 58™) mounted for rotation about a first rotor axis and a second rotor (68, 68™) mounted for rotation about a second rotor axis, the machine being configured as either a pump or a motor, in which at least one of the first and second rotor axes is movable relative to the other to vary a leakage flow between the rotors.

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.2438/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BASKET CATHETER WITH DEFLECTABLE SPINE

(51) International classification :F04C
(31) Priority Document No :14/028,435
(32) Priority Date :16/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BIOSENSE WEBSTER (ISRAEL) LTD.
Address of Applicant :Hatnufa Street, Yokneam 20692, Israel
(72)**Name of Inventor :**
1)MARIO A. SOLIS

(57) Abstract :
A catheter adapted for rnapping andlor ablation in the atria has a basket-shaped electrode 5 array with two or more location sensors with a deflectable expander. The catheter has comprises a catheter body, a basket electrode assembly at a distal end of the catheter body, and a co:itrol handle at a proximal end of the catheter body. The basket electrode assembly has a plurality of electrodecarrying spines and at1 expander that is adapted for longitudinal movement relative to the catheter body for expanding and collapsing the assembly via a proximal end portion extending past the 10 control handle that can be pushed or pulled by a user. The expander is also adapted for deflection in responsive to an actuator on the control handle that allows a user to control at least one puller wire extending through the catheter body and the expander.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2511/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OUTPUT APPARATUS AND DIAGNOSIS METHOD THEREFOR

(51) International classification :F02D
(31) Priority Document No :2013-193473
(32) Priority Date :18/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOSHIBA
Address of Applicant :1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan
2)TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION
(72)**Name of Inventor :**
1)Fumitaka Mouri
2)Makoto Toko
3)Hiroshi Nakatani
4)Naoya Ohnishi
5)Akira Nojima

(57) Abstract :
According to one embodiment, there is provided an output apparatus including a signal control unit configured to set a signal from a second output element in an OFF state at a timing earlier than a predetermined timing by the response time of a second load, and set signals from a first output element and the second output element in an ON state, and signals from a first interruption element and a second interruption element in an OFF state at a timing earlier than the predetermined timing by the response time of a first load. The output apparatus includes a diagnosis unit configured to diagnose, at the predetermined timing, whether the first and second interruption elements are in a normal state or a failure state, based on a signal from the first and second digital output circuits.

No. of Pages : 52 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2014

(21) Application No.2379/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR USING PACKED COMPRESSED BUFFERS FOR IMPROVED CLIENT SERVER COMMUNICATIONS

(51) International classification :G06F 15/16
(31) Priority Document No :60/428,153
(32) Priority Date :20/11/2002
(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 :1345/DEL/2003
Filed on :30/10/2003

(71)**Name of Applicant :**
1)MICROSOFT CORPORATION
Address of Applicant :One Microsoft Way, Redmond, Washington 98052-6399 U.S.A.
(72)**Name of Inventor :**
1)WARREN, Joseph R.
2)FROELICH, Karl
3)BONILLA, Nicole A.
4)LEMARCHAND, Remi A.
5)GRAY, Ronald E.
6)DUN, Alec
7)HARTWELL, Aaron
8)GODDARD, Steven F.
9)CURTIS, Brent
10)POWER, Brendan

(57) Abstract :
A method of batching multiple sets of responses on a server and sending the responses to a client in a single batch (i.e., a chained • or packed • batch). The sets of responses may be each be obfuscated and/or compressed. Once the batch is received by the client, each set is processed individually. The client may be configured to communicate the size of an uncompressed set of responses that it can handle. The server may use this information to create sets of responses that are the correct size, and may or may not compress the sets of responses. The server may chain the sets of responses and may continue to chain sets, compressed or not, until the server™s buffer is full or close to full. The chained set of responses may then be sent to the client, and may process each of the sets of responses individually.

No. of Pages : 36 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2012

(21) Application No.238/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LINEAR GENERATOR CAPABLE OF PRODUCING MECHANICAL AND ELECTRICAL OUTPUT

(51) International classification	:H01B	(71)**Name of Applicant :**
(31) Priority Document No	:NA	**1)Gattani Manoj Kumar**
(32) Priority Date	:NA	Address of Applicant :PO: Himmatsar Dist: Bikaner
(33) Name of priority country	:NA	Rajasthan India
(86) International Application No	:NA	(72)**Name of Inventor :**
Filing Date	:NA	**1)Gattani Manoj Kumar**
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Disclosed is a linear generator (100) (hereinafter referred to as Gopi Gen-4 •) capable of producing mechanical and electrical output at same time. The Gopi Gen-4 includes three important parts Part a part b part c. Part a and part c includes coil magnetic piston (mp) (200) crank (300) which is attached to magnetic piston (200) and flywheel (400) for constant speed of the magnetic piston (200) movement. Part b contains acceleration zone (500) single sided & both sided magnetic piston (200) drive assembly of the acceleration zone (500). In the linear generator (100) as shown both mechanical and electrical power can be produced at same time.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.2525/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FORGING APPARATUS

(51) International classification :B21K13/02
(31) Priority Document No :2013-213488
(32) Priority Date :11/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan
(72)**Name of Inventor :**
1)KEI YOSHINAGA
2)YUJI IMAMURA

(57) Abstract :
A forging apparatus has a preforming die assembly including a lower die (30). The lower die (30) has first and second knockout pins (52a. 52b), which are disposed in positions where the longitudinal end faces (12a. 12b) of a preformed product (12) are placed. A transport mechanism (32) has first and second holders (48a, 48b) for holding respective end portions of the preformed product (12). The first and second holders (48a, 48b) have respective fingers (58) with recesses (66) defined therein. The end portions of the preformed product (12). which are supported by the first and second knockout pins (52a. 52b). enter respectively into the recesses (66). Each of the recesses (66) splits the distal end portion of one of the supports 62 into two support teeth (68a, 68b). The first and second holders (48a, 48b) also have respective pressers (60) for pressing the preformed product (12) in directions to compress the preformed product (12).

No. of Pages : 33 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014
(21) Application No.2526/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FACILITY AND METHOD FOR MANUFACTURING A HOLLOW GLASS ARTICLE

(51) International classification :C03C 17/04
(31) Priority Document No :13 58523
(32) Priority Date :05/09/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) 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)POCHET DU COURVAL
Address of Applicant :121 Quai de Valmy, 75010 Paris, France
(72)**Name of Inventor :**
1)PATRICK ROGER OMER RAVEL
2)FABRICE MALLARD
3)PHILIPPE MALOIGNE

(57) Abstract :
A facility (1) for manufacturing a hollow glass article, including: a finishing mold (11) intended to receive a blank (9) of the hollow glass article, the finishing mold defining a cavity (31) for forming the hollow glass article from the blank, at least one gas source (15), and a blowing head (17) connected to the gas source and adapted for achieving at least one injection of the gas into the inside of the blank contained in the cavity. The facility further comprises: at least one reservoir (19) of coloring powder (21), and a system (23) capable of injecting the coloring powder into the inside of the blank while the blank is located in the finishing mold and into the inside of the hollow glass article while the hollow glass article is located in the finishing mold, the system being configured so that the injection of the coloring powder takes place before, during, after, before and during, during and after, or before, during and after the gas injection. Corresponding method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.243/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DIFFUSION ABSORPTION REFRIGERATOR AND METHOD FOR OPERATING THE DIFFUSION ABSORPTION REFRIGERATOR

(51) International classification :B64D
(31) Priority Document No :102011003973.2
(32) Priority Date :11/02/2011
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GmbH
Address of Applicant :POSTFACH 30 02 20, 70442 STUTTGART, GERMANY
(72)**Name of Inventor :**
1)HINDERER, SONJA
2)BIENDARRA, REBECCA
3)OCKER, LISA
4)FISCHER, THOMAS
5)BAUN, MICHAEL

(57) Abstract :
The present subject matter describes a diffusion absorption refrigerator (10), particularly absorption refrigerator. The diffusion absorption refrigerator (10) includes an expeller (1) for expelling refrigerant from an operational solution of the diffusion absorption refrigerator (10), a connection for a solar thermal collector (23) that is compoundable with the expeller (1) in a thermal effective manner or that is connected with the expeller (1) in the thermal effective manner, a heating element (24) that is compoundable with the expeller (1) in the thermal effective manner, and a control unit (25) that is adapted in order to switch on and/or off to the heating element (24) in response to a measured physical variable (T).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.2506/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POWER SUPPLY APPARATUS

(51) International classification :B60L
(31) Priority Document No :2013-187198
(32) Priority Date :10/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)KOBAYASHI, Kenichiro

(57) Abstract :
There is provided a power supply apparatus. An electric storage device is capable of charging power generated by a generator and supplying the power to an electric motor. A power supply unit is configured to supply the power from the electric storage device to an external device outside a vehicle. The power supply apparatus limits the power to be supplied to the electric motor when a remaining amount of the power stored in the electric storage device is lowered. An externally-supplying power calculation unit is configured to calculate externally-supping power to be supplied to the external device from the power supplying unit. A generation-required power calculation unit is configured to calculate generation-required power which is obtained by adding the externally-supplying power calculated by the externally-supplying power calculation unit to generation power in a case where the external device is not connected, when the external device is connected.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2507/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD OF INSTALLING PIR SENSOR WITH CAMERA

(51) International classification :G08B
(31) Priority Document No :14/029,127
(32) Priority Date :17/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONEYWELL INTERNATIONAL INC.,
Address of Applicant :101 Columbia Road, POB 2245, Morristown, N.J. 07962-2245, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)ZHIMIN XIAO
2)ZHONGWEI DING

(57) Abstract :
A method and apparatus that includes the steps of receiving a PIR signal and video signal from a passive infrared (PIR) sensor having a PIR detector and camera, displaying a video image from the camera on a display, overlaying a range of the PIR detector and a magnitude of the PIR signal on the displayed video image, displaying a video image of a person walk testing the PIR sensor on the display in conjunction with the overlaid range and a magnitude of the PIR signal provided by the PIR detector and receiving an adjustment from the user of a detection threshold value of the PIR sensor based on the displayed image.

No. of Pages : 15 No. of Claims : 20

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

(21) Application No.2571/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR DETERMINING A NON-CONDENSABLE GAS PARAMETER •

(51) International classification :G01F1/66
(31) Priority Document No :1316760.6
(32) Priority Date :20/09/2013
(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

(71)**Name of Applicant :**
1)Spirax-Sarco Limited
Address of Applicant :Charlton House, 15 Cirencester Road, Cheltenham, Gloucestershire GL53 8ER, United Kingdom
(72)**Name of Inventor :**
1)ISLAM, Nashtara
2)USHER, Peter
3)FRISBY, Ben
4)OLIVER, David

(57) Abstract :
There is disclosed an apparatus 20 for determining a non-condensable gas parameter relating to the amount of non-condensable gas within a variable flow rate fluid flow containing both non-condensable gas and condensate, the apparatus comprising: a measurement tube 26 for receiving the fluid flow and arranged such that the fluid flow through the measurement tube 26 comprises alternating sections of non-condensable gas and condensate; a flow sensor 32 for generating a flow rate signal relating to the flow rate of the fluid flow in the measurement tube; a phase sensor 28 for monitoring over time the alternating sections of non-condensable gas and condensate flowing through the measurement tube and arranged to generate a phase signal characteristic of the said sections monitored; and a non-condensable gas determining unit 34 configured to determine a non-condensable gas parameter relating to the amount of non-condensable gas in the fluid flow based on the flow rate signal and the phase signal. A corresponding method for determining a non-condensable gas parameter is also disclosed.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1023/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF MEMANTINE

(51) International classification :A61K9/16,A61K9/20,A61K9/48
(31) Priority Document No :61/683875
(32) Priority Date :16/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/055420
Filing Date :16/08/2013
(87) International Publication No:WO 2014/028878
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TEVA PHARMACEUTICAL INDUSTRIES LTD.
Address of Applicant :5 Basel Street P.O. Box 3190 49131 Petah Tiqva Israel
(72)**Name of Inventor :**
1)KAGAN Elena
2)SHAHAR Nitzan
3)HARONSKY Elina
4)DEROSA Gregg R.

(57) Abstract :
The present invention relates to oral dosage forms comprising Memantine or a pharmaceutically acceptable salt thereof pharmaceutical formulations comprising the oral dosage forms and methods for treating mild moderate or severe Alzheimer s dementia or neuropathic pain comprising the oral dosage forms and formulations.

No. of Pages : 56 No. of Claims : 91

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1109/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OPTIMIZED USER EQUIPEMENT RELAYING

(51) International classification :H04W16/26,H04W80/02,H04W88/04
(31) Priority Document No :12306301.8
(32) Priority Date :19/10/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/JP2013/004578
Filing Date :29/07/2013
(87) International Publication No :WO 2014/061180
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)JACTAT Caroline
2)LECROART Benoit
3)DELSOL Thomas
4)RAKOTOHARISON Lanto

(57) Abstract :
The invention relates to a method for relaying a communication in a network wherein a user equipment (UER) relays a communication between a network node entity (eNB) and a target entity (UET) the method including the steps generating a logical channel at least between the user equipment relay (UER) and the target entity (UET) and assigning at least one identifier (LC_ID_R) to said logical channel and upon reception from the network node entity (eNB) at the user equipment relay (UER) of data received with said identifier (LC_ID_R) the user equipment relay (UER) forwards the received data to the target entity (UET).

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2341/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :18/08/2014
(43) Publication Date : 26/06/2015

(54) Title of the invention : TIN-PLATED COPPER-ALLOY MATERIAL FOR TERMINAL HAVING EXCELLENT INSERTION/EXTRACTION PERFORMANCE

(51) International classification :C25D 5/00
(31) Priority Document No :2013-174844
(32) Priority Date :26/08/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI MATERIALS CORPORATION
Address of Applicant :3-2, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117 Japan
(72)**Name of Inventor :**
1)KATO, Naoki
2)INOUE, Yuki
3)TARUTANI, Yoshie

(57) Abstract :
A tin-plated copper-alloy terminal material 5 in which: a Sn-based surface layer formed on a surface of a substrate made of Cu alloy, and a Cu-Sn alloy layer/a Ni-Sn alloy layer/a Ni or Ni alloy layer are formed in sequence from the Sn-based surface layer between the Sn-based surface layer and the substrate; the Cu-Sn alloy layer is a compound-alloy layer containing Cu6Sn5 as a main component and a part of Cu in the Cu6Sn5 is displaced by Ni; the Ni-Snalloy layer is a compound-alloy layer containing Ni3Sn4 as a main component and a part of Ni in the Ni3Sn4 is displaced by Cu; an arithmetic average roughness Ra of the Cu-Sn alloy layer is 0.3 μm or more in at least one direction and arithmetic average roughness Ra in all directions is 1.0 μm or less; an oil-sump depth Rvk of the Cu-Sn alloy layer is 0.5 μm or more; an average thickness of the Sn-based surface layer is 0.4 μm or more and 1.0 μm or less; and a dynamic friction coefficient is 0.3 or less.

No. of Pages : 22 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2501/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DECELERATING TIME POWER GENERATION CONTROL DEVICE

(51) International classification :B60W
(31) Priority Document No :2013-186887
(32) Priority Date :10/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)TAMAI, Nobutaka

(57) Abstract :
There is provided a decelerating time power generation control device of a vehicle. A generator is configured to generate power by a driving force of an internal combustion engine. A control means includes a power generation amount suppression unit which is configured to suppress a power generation amount of the generator. An output addition prohibiting means is configured to prohibit an output of the internal combustion engine from being added to driving wheels. The control means includes a power generation amount suppression prohibition unit which is configured to prohibit an operation of the power generation amount suppression unit. When the output addition prohibiting means is implemented and a fuel injection is performed, the control means prohibits suppression of the power generation amount of the generator by the power generation amount suppression prohibition unit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.2581/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WELDED COMPONENT AND METHOD OF FABRICATION

(51) International classification :E02F3/38
(31) Priority Document No :1316070.0
(32) Priority Date :10/09/2013
(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

(71)**Name of Applicant :**
1)JC BAMFORD EXCAVATORS LIMITED
Address of Applicant :Lakeside Works, Rocester, Uttoxeter, Staffordshire, ST14 5JP, United Kingdom
(72)**Name of Inventor :**
1)CARTHY, Mark
2)HURDMAN, Dave

(57) Abstract :
A box-section arm (16) of an excavator or the like has a pivot axis (19) at one side. Two flat plates 25, 26 close the underside of the box-section adjacent the pivot axis, and are welded transversely from a pair of projections 28, 29 at one side, to corresponding pair of projections 28, 29 at the other side. The projections 28, 29 are partially but not wholly removed after welding.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1077/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PURIFIED AIR AND METHODS OF MAKING AND USING THE SAME

(51) International classification :B01D53/30,B01D53/00,A61L9/00
(31) Priority Document No :13/554366
(32) Priority Date :20/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051057
Filing Date :18/07/2013
(87) International Publication No :WO 2014/015126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIFEAIRE SYSTEMS LLC
Address of Applicant :1275 Glenlivet Drive Suite 100 Allentown Pennsylvania 18106 U.S.A.
(72)**Name of Inventor :**
1)WORRILOW Kathryn C.

(57) Abstract :
Purified air is provided, having a TVOC content of from less than 5 ppb to about 500 ppb, a Biologicals content of from less than 1 CFU/M 3 to 150 CFU/M 3 and a Particulate content of from about 1,000 0.3 µm particles per ft3 to about 50,000 0.3 µm particles per ft 3, or from about 600 0.5 µm particles per ft 3 to about 500,000 0.5 µm particles per ft 3.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1104/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TRANSPYLORIC ANCHORING

(51) International classification :A61F5/00
(31) Priority Document No :61/671470
(32) Priority Date :13/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050346
Filing Date :12/07/2013
(87) International Publication No :WO 2014/012041
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GI DYNAMICS INC.
Address of Applicant :One Maguire Road Lexington MA 02421 U.S.A.
(72)**Name of Inventor :**
1)CHAMORRO Andres III
2)LEVINE Andy H.
3)MELANSON David A.
4)MAXWELL Barry
5)GAMBALE Richard A.

(57) Abstract :
A gastrointestinal implant device (2800) comprises a planar proximal element (220) configured to reside in a stomach to resist distal migration a distal element (222) configured to reside in an intestine to resist proximal migration and one or more tethers (224) coupling the planar proximal element to the distal element.

No. of Pages : 32 No. of Claims : 68

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.232/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FOUNDATION ANCHOR FOR A MACHINE

(51) International classification :B23B
(31) Priority Document No :10 2011 009 592.6
(32) Priority Date :27/01/2011
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIEBHERR-WERK BIBERACH GMBH
Address of Applicant :HANS-LIEBHERR-STRAE 45, 88400 BIBERACH AN DER RI, GERMANY
(72)**Name of Inventor :**
1)JOACHIM MAYER

(57) Abstract :
The present invention refers to an anchorage device to anchor a machine, in particular a crane, in a foundation, with a square anchorage frame to hold the machine, whereby the anchorage frame is connected at each of its corner points by at least one square-section pipe to at least one counterplate, whereby at least one tensile element can be inserted through the square-section pipe for the detachable anchorage of the anchorage frame with the counter plate or counterplates.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.2470/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR HEATING AN INDUSTRIAL FURNACE, AS WELL AS A HEATING DEVICE FOR AN INDUSTRIAL FURNACE

(51) International classification :F27D 7/06
:DE 10
(31) Priority Document No 2013 014 816.2
(32) Priority Date :10/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IPSEN INTERNATIONAL GMBH
Address of Applicant :Flustrasse 78 , 47533 Kleve, GERMANY
(72)**Name of Inventor :**
1)SARRES, Rolf
2)ANGENENDT, Marc

(57) Abstract :
The invention relates to a method for heating an industrial furnace, wherein, apart from heating gas, combustible process gas is also fed to a burner arrangement (9) of the industrial furnace for heating an interior space in the course of a heat treatment cycle.In order to optimise the use of the combustible process gas for the heating of the industrial furnace, the heat treatment cycle is split up into a plurality of process phases, wherein the supply of the process gas to the burner arrangement (9) is regulated depending on the process phase. Furthermore, the invention relates to a heating device (8) for an industrial furnace, as well as an industrial furnace.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2014

(21) Application No.2612/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLIPPING-TYPE GRAFT FIXATION DEVICE AND METHOD WITH LOW FLIPPING DISTANCE

(51) International classification :a61b
(31) Priority Document No :14/041,830
(32) Priority Date :30/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEPUY MITEK, LLC
Address of Applicant :325 Paramount Drive, Raynham, MA 02767, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)DAVID B. SPENCINER

(57) Abstract :
A graft retention device has an elongated body with a first and second ends and a midpoint therebetween. A pair of elongated slots formed through the body defines a tang therebetween. A graft retention loop is disposed over the tang and is slidable therealong. A trailing line connects to the body adjacent the slots and extends therefrom through the graft retention loop toward the first end. Tension applied to the trailing line thus tends to urge the graft retention loop away from the first end and toward the midpoint.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2014

(21) Application No.2613/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLIPPING-TYPE GRAFT FIXATION DEVICE AND METHOD WITH LOW FLIPPING DISTANCE

(51) International classification :a61B
(31) Priority Document No :14/041,764
(32) Priority Date :30/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEPUY MITEK, LLC
Address of Applicant :325 Paramount Drive, Raynham, MA 02767, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)DAVID B. SPENCINER

(57) Abstract :
A graft retention device has an elongated body with first and a second ends, and a midpoint therebetween. A pair of elongated slots through the body defines a tang therebetween. At least one of the slots have an open first end into the body at the body first end such that the first end is closed via a retention line between the tang and the body. A graft retention loop disposed over the tang is slidable therealong from a first position closer to the body first end and a second position closer to the midpoint.

No. of Pages : 20 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1136/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HANDLE AND CIRCUIT BREAKER MULTISTAGE CIRCUIT BREAKER AND CIRCUIT BREAKER WITH ACCESSORY PART

(51) International classification :H01H71/10
(31) Priority Document No :201210301921.2
(32) Priority Date :22/08/2012
(33) Name of priority country :China
(86) International Application No :PCT/EP2013/065016
Filing Date :16/07/2013
(87) International Publication No :WO 2014/029560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany
(72)**Name of Inventor :**
1)CHEN Jia
2)H–HE Stefan
3)JIN Ping Ping
4)ZHANG Liang

(57) Abstract :
The invention relates to a handle said handle (10) having a body (12) that can be provided axially on a switching system and an actuating part (14) that is provided protruding from said body (12). Said actuating part (14) extends along the axial direction of said body (12) and an elevation (142) protruding from said actuating part (14) is provided. Such a concept with simple structure and uncomplicated realisation can uniformly use one type of handle sheath (handle sheath with elongated hole) for undertaking the appropriate adjustment and therefore the assembly process is considerably simplified.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2014

(21) Application No.2327/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLAP ARRANGEMENT

(51) International classification :B60H
(31) Priority Document No :10 2013 109 068.0
(32) Priority Date :22/08/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. Ing. h.c. F. Porsche Aktiengesellschaft
Address of Applicant :Porscheplatz 1, 70435 Stuttgart Germany
(72)**Name of Inventor :**
1)PETRI, Horst
2)KRAISS, Stefan

(57) Abstract :
The invention relates to a flap arrangement having at least one ventilation flap (4), which is associated with a ventilation path in a motor vehicle so as to be movable between an open position and a closed position, in such a way that, in the closed position, it closes a ventilation opening (6). In order to improve a flap arrangement in respect of the functionality thereof, the ventilation flap (4) has a peripheral seal (8), with the aid of which the ventilation opening (6) can be closed fluidtightly, in particular gastightly, in the closed position of the ventilation flap (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.240/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HIGH PERFORMANCE SINGLE CONTROL LEVER MIXING CARTRIDGE

(51) International classification	:B23B	(71)**Name of Applicant :**
(31) Priority Document No	:MI2011A 000263	**1)CATTANEO, PIERO** Address of Applicant :VIA STAZIONE, 211-28010
(32) Priority Date	:22/02/2011	CAVAGLIO D'AGOGNA (NO) ITALY
(33) Name of priority country	:Italy	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)CATTANEO, PIERO**
Filing Date	:NA	
(87) 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 high performance single control lever mixing cartridge, characterized in that said mixing cartridge comprises a holding body housing at least a bottom fixed plate and at least a top movable plate, with an indirect driving system including a driving member, said holding body including side windows allowing the top movable plate and driving member to exit said holding body, during its stroke on the end limits from the full hot water to the full cold water position.

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

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

(21) Application No.2400/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SINGLE BLADE PENCIL SHARPENER

(51) International classification :B43L23/08
(31) Priority Document No :201320538464.9
(32) Priority Date :30/08/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XIANGBIAO Jin
Address of Applicant :Yinan Industrial Park, Yiwu Economic Development Zone, Yiwu City, Zhejiang Province (CN) China
(72)**Name of Inventor :**
1)XIANGBIAO Jin

(57) Abstract :
A single blade pencil sharpener having a shell, a front connector and a rear connector fixed on the shell, a blade frame between the front and the rear connectors, a blade seat received in the blade frame, a spiral blade fixed to the blade seat, and a crank on the shell. The crank is fixed to an outer shaft of the blade frame. A rotatable handle is provided on a free end of the crank. The spiral blade has a spiral cutting edge extending along a spiral chip-removal slit, covering over a quarter a peripheral of the conical central opening.

No. of Pages : 11 No. of Claims : 2

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

(21) Application No.2625/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPOSITIONS COMPRISING PAULOWNIA TOMENTOSA WOOD EXTRACTS AND USES THEREOF

(51) International classification :A61K8/97
(31) Priority Document No :14/056,521
(32) Priority Date :17/10/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JOHNSON & JOHNSON CONSUMER COMPANIES, INC.,
Address of Applicant :199 Grandview Road, Skillman, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)SIMARNA KAUR
2)KHALID MAHMOOD
3)CLAUDE SALIOU
4)MICHAEL SOUTHALL

(57) Abstract :
Provided are compositions comprising paulownin or an extract of paulownia tomentosa wood and methods of use thereof.

No. of Pages : 66 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/09/2014
(21) Application No.2626/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PACKAGING SLEEVE WITH LATCHING CAP

(51) International classification :B65D41/00
(31) Priority Document No :10 2013 015 271.2
(32) Priority Date :16/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSE PLASTIC AG
Address of Applicant :Rupolzer Str. 53, 88138 Hergensweiler, Germany
(72)**Name of Inventor :**
1)PETER ROESLER

(57) Abstract :
A packaging sleeve having at least one latching cap (1) arranged on the end, adapted in its shape to the outer circumference of the packaging sleeve (2) and attached with its side walls (13) to the outer circumference of the packaging sleeve (2) and secured there by latching.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.2467/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETERMINING VIDEO-BASED PULSE TRANSIT TIME WITH TIME-SERIES SIGNALS

(51) International classification :A61B5/024
(31) Priority Document No :14/026,739
(32) Priority Date :13/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XEROX CORPORATION
Address of Applicant :45 Glover Avenue, P.O. Box 4505, Norwalk, Connecticut 06856-4505 U.S.A.
(72)**Name of Inventor :**
1)MESTHA, Lalit Keshav
2)KYAL, Survi

(57) Abstract :
What is disclosed is a system and method for determining a subject of interest™s arterial pulse transit time from time-varying source signals generated from video images. In one embodiment, a video imaging system is used to capture a time-varying source signal of a proximal and distal region of a subject of interest. The image frames are processed to isolate localized areas of a proximal and distal region of exposed skin of the subject. A time-series signal for each of the proximal and distal regions is extracted from the source video images. A phase angle is computed with respect to frequency for each of the time-series signals to produce respective phase v/s frequency curves for each region. Slopes within a selected cardiac frequency range are extracted from each of the phase curves and a difference is computed between the two slopes to obtain an arterial pulse transit time for the subject.

No. of Pages : 22 No. of Claims : 10

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

(21) Application No.2544/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : QUERY-SPECIFIC GENERATION AND RETRIEVAL OF MEDICAL VOLUME IMAGES

(51) International classification :G06F
(31) Priority Document No :13196077.5
(32) Priority Date :06/12/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen, GERMANY
(72)**Name of Inventor :**
1)SASCHA SEIFERT

(57) Abstract :
The present invention refers to methods and system for providing a mechanism for searching and extracting three-dimensional regions of interest in image archives. A textual search query serves as input and is processed in order to provide a newly generated query-specific volume image, comprising computed sub-volumes (SI)covering the anatomical structure the query refers to. The query is input by means of a graphical search interface (9) and the sub-volumes (SI) are outputted also by means of the graphical search interface (9)

No. of Pages : 38 No. of Claims : 14

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

(21) Application No.2628/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PACKAGING CONTAINER WITH A BAYONET TWIST CLOSURE AND FREE RUNNING

(51) International classification :B65D
(31) Priority Document No :10 2013 015 270.4
(32) Priority Date :16/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSE PLASTIC AG
Address of Applicant :Rupolzer Str. 53, 88138 Hergensweiler, Germany
(72)**Name of Inventor :**
1)PETER ROESLER

(57) Abstract :
Packaging container for elongated objects, consisting of an outer sleeve (1), which has, on the outside circumference, at least one threaded section (4) that can be brought into threaded engagement with at least one toothed or threaded strip (3) on the outside circumference of an inner sleeve (2), which can be screwed into the interior of the outer sleeve (1), wherein the at least one threaded section (4) on the outside circumference of the outer sleeve (1) is interrupted by at least one sliding strip (5) that breaks through the threaded section (4) in the longitudinal direction, and the width of the sliding strip (5) is greater than the width of the toothed or threaded strip (3) on the inner sleeve (2).

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

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

(21) Application No.2629/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONNECTOR

(51) International classification :h01r
(31) Priority Document No :JP2013-209105
(32) Priority Date :04/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO WIRING SYSTEMS, LTD.,
Address of Applicant :1-14 Nishisuehiro-cho, Yokkaichi, Mie 510-8503, Japan
(72)**Name of Inventor :**
1)KEISUKE TERAMOTO
2)SHOHEI MITSUI

(57) Abstract :
Workability of fitting a first connector is improved. A connector (C) includes a male connector (10) having a female connector fitting portion (14) and a lever-type connector fitting portion (13), a lever-adjacent female connector (20A) to be fitted to the female connector fitting portion (14) and a lever-type connector (30) to be fitted to the lever-type connector fitting portion (13), in which the lever-type connector (30) is provided with at least a lever (33) that relatively brings the lever-type connector fitting portion (13) into a fitted state as the lever (33) is rotated from an initial position to a fitting position and a housing (31) that has a lever accommodating portion (35) for accommodating the lever (33), and the lever (33) is disposed at a position where an outer surface (33h), facing the lever-adjacent female connector (20A) side, of the lever (33) set to the fitting position is flush with an outer side surface (31b), facing the lever-adjacent female 15 connector (20A) side, of the housing (31).

No. of Pages : 73 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2518/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DRIVEN HATCH ARRANGEMENT FOR A MOTOR VEHICLE

(51) International classification :B63B
(31) Priority Document No :13 188 490.0
(32) Priority Date :14/10/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IMS GEAR GMBH
Address of Applicant :Heinrich-Hertz-Str. 16, 78166 Donaueschingen, GERMANY
(72)**Name of Inventor :**
1)HAGEDORN Geinz Gert
2)KIENINGER Matthias

(57) Abstract :
A driven hatch arrangement is provided, particularly a rear hatch arrangement, for a motor vehicle with a hatch and with a hatch drive (10) for opening and/or closing the hatch, with the hatch drive (10) comprising a motor (100) with a motor shaft (102) and a motor pinion (200) and at least one planetary gear with a sun gear, planetary carriers (311, 321) with planetary rolling elements (313, 323) arranged on bearing pins (312, 322), and an annulus, with the sun wheel of the planetary gear being formed by the motor pinion (200) and a driven shaft (314, 324) being driven via the planetary gear, in which the bearing pins (312, 322) of the planetary gear projecting beyond the planetary rolling elements (313, 323) arranged on the bearing pins (312, 322) in the direction towards the motor (100).

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2519/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DRIVEN HATCH ARRANGEMENT FOR A MOTOR VEHICLE

(51) International classification :B63B
(31) Priority Document No :13 188 488.4
(32) Priority Date :14/10/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IMS GEAR GMBH
Address of Applicant :Heinrich-Hertz-Str. 16, 78166 Donaueschingen, GERMANY
(72)**Name of Inventor :**
1)HAGEDORN Geinz Gert
2)KIENINGER Matthias

(57) Abstract :
A driven hatch arrangement is provided, particularly a rear hatch arrangement, for a motor vehicle with a hatch and with a hatch drive (10) for opening and/or closing the hatch, with the hatch drive (10) comprising a motor (100) with a motor shaft (102) and a motor pinion (200) and at least one planetary gear with a sun gear, planetary carriers (311, 312) with planetary rolling elements (313, 323) arranged on bearing pins (31, 322), and an annulus, with the sun wheel of the planetary gear being formed by the motor pinion (200) and a driven shaft (314, 324) being driven via the planetary gear, in which the driven shaft (314, 324) is embodied in one piece with a planetary carrier (311, 312) including the bearing pins (312, 322) for planetary rolling elements (313, 323).

No. of Pages : 23 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2014

(21) Application No.2655/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED SYSTEM FOR THE CENTRING OF A HYDRAULIC MACHINE ON A VEHICLE COMPONENT

(51) International classification :F03B
(31) Priority Document No :1358939
(32) Priority Date :17/09/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) 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)POCLAIN HYDRAULICS INDUSTRIE
Address of Applicant :Route de Compigne - 60410 VERBERIE France
(72)**Name of Inventor :**
1)RECOURA, Clment
2)LUCIENNE, Philippe

(57) Abstract :
A system comprising a vehicle transmission element and a hydraulic machine for producing a hydrostatic transmission on a vehicle, the transmission element comprising - a primary housing defining an internal volume, and - an output shaft placed in said internal volume and mounted to turn relative to the casing by means of bearings, said output shaft defining an axial direction, the hydraulic machine comprising a machine housing and a machine shaft, the system being characterized in that the machine housing is mounted fixed on the primary housing, the machine housing exhibiting an axial flange adapted to cooperate with a machined surface of the primary housing to produce alignment between the output shaft and the machine shaft.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2014

(21) Application No.2656/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : UNIT GROUPING BOOSTING AND TANK FUNCTIONS IN A HYDRAULIC MACHINE CASING

(51) International classification :H04S
(31) Priority Document No :1359040
(32) Priority Date :19/09/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) 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)POCLAIN HYDRAULICS INDUSTRIE
Address of Applicant :Route de Compigne, 60410 VERBERIE France
(72)**Name of Inventor :**
1)LAMBEY, Julien
2)LUCIENNE, Philippe

(57) Abstract :
The invention relates to a unit (100) comprising: - a hydraulic machine suitable for being connected to a hydraulic circuit, - a booster pump suitable for carrying out the boosting of said hydraulic circuit, - a casing (5) defining an internal volume, the unit characterised in that: - the hydraulic machine and the booster pump are both arranged in the internal volume of the casing, - the internal volume of the casing comprises a primary zone (55) suitable for receiving the booster pump and to be immersed in the oil in such a way that the booster pump is immersed in the oil when said zone is immersed, and a secondary zone (56) in fluid communication with the primary zone and suitable for receiving the hydraulic machine. The invention also relates to a vehicle comprising such a unit.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1132/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PHARMACEUTICAL COMPOSITION

(51) International classification :A61K 31/522
(31) Priority Document No :102 38 243.3
(32) Priority Date :21/08/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2003/009127
Filing Date :18/08/2013
(87) International Publication No :WO 2004/018468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6108/DELNP/2007
Filed on :06/08/2007

(71)**Name of Applicant :**
1)BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG
Address of Applicant :55216 INGELHEIM AM RHEIN, GERMANY
(72)**Name of Inventor :**
1)HIMMELSBACH, FRANK
2)LANGKOPF, ELKE
3)ECKHARDT, MATTHIAS
4)MARK, MICHAEL
5)MAIER, ROLAND
6)LOTZ,RALF, R. H.
7)TADAYYON, MOHAMMAD

(57) Abstract :
A pharmaceutical composition comprising: (a) a first compound of the formula (I): wherein R1 denotes: a 4-methoxy-1-naphthylmethyl group, a 2-quinolinylmethyl, 4-quinolinylmethyl or a 6-quinolinylrnethyl group, a 1-isoquinolinylmethyl, 3-methyl-1-isoquinolinylmethyl1, 4-methyl-1-isoquinoliylmethyl or a 3- isoquinolinylmethyl group, or a 2-quinazolinylmethyl, 4-methyl-2-quinazolinylmethyl or a 4-quinazolinylmethyl group; R2 denotes a methyl group; and R1 denotes a 2-buten-1-yl or a 2-butyn-1 -yl group; or a tautomer, enantiomer, diastereomer, mixture thereof, or a salt thereof; and (b) an other therapeutic agent selected from antidiabetics, lipid lowering agents, active substances for the treatment of obesity, and drugs for treating high blood pressure; optionally together with one or more inert carriers and/or diluents.

No. of Pages : 205 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.235/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS AND DEVICE FOR TREATING LEATHER

(51) International classification :B64D
(31) Priority Document No :11000700
(32) Priority Date :28/01/2011
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOXMARK LEATHER PROIZVODNJA IN TRGOVINA D.O.O.
Address of Applicant :INDUSTRIJSKO NASELJE 10, 2325 KIDRICEVO, SLOVENIA Slovakia
(72)**Name of Inventor :**
1)DAVORIN HERGA

(57) Abstract :
Leather in form of hides or articles of leather or other articles comprised of similarly behaving material is introduced into rotating drum or stirring vessel or other form of similar device where it undergoes spraying with chemicals and drying to desired humidity to be followed by drying and another treatment of milling in rotating drum.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/08/2014

(21) Application No.2422/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONNECTOR

(51) International classification :H01R
(31) Priority Document No :2013-191486
(32) Priority Date :17/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO WIRING SYSTEMS, LTD.
Address of Applicant :1-14, Nishisuehiro-cho, Yokkaichi, Mie 510-8503, Japan
(72)**Name of Inventor :**
1)TERUO HARA

(57) Abstract :
It is aimed to provide a connector capable of combining the miniaturization of a shorting terminal and the securement of insulation performance. Cavities 13A in which specific terminal fittings 30A are to be accommodated are provided at one side of shorting terminal accommodating chambers 17 arranged betwen cavities 13 in a plilrality stages in a height direction, and cavities 138 in which other terminal fittings 30B, which are not the specific terminal fittings 30A, out of the cavities 13 are provided at the other side in the height direction. An escaping portion 23 for allowing resilient contact pieces 41 resiliently deformed by being pressed by a short releasing portion 84 to escape is formed on a partition wall 22 partitioning between the shorting terminal accommodating chamber 17 and the cavities 138 in which the other terminal fittings 308 are to be accommodated. A front holder 70 is to be mounted on the front surface of a housing 10 and includes insulating portions 75 for insulating between the resilient contact pieces 41 and the other terminal fittings 30B by being located at the side of the cavities 13B at the other side of the escaping portions 23 in the height direction.

No. of Pages : 44 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2499/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOTORCYCLE

(51) International classification :F02B
(31) Priority Document No :2013-222363
(32) Priority Date :25/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)SHIBANO, Ken
2)HIRAOKA, Kunihiko
3)MURAMATSU, Takenori
4)OTA, Hidekuni

(57) Abstract :
A motorcycle has a crankcase containing a crank shaft and a balancer shaft, and a cylinder and a cylinder head positioned above the crankcase, and an exhaust pipe extends from the cylinder head. The balancer shaft is positioned in front of the crank shaft, and the crankcase has a balancer shaft housing supporting the balancer shaft thereinside, and has a recessed part depressed rearward in a front end center part of the balancer shaft housing. The balancer shaft has balancer shaft weights apart from each other in one side and in the other side in an axis direction.

No. of Pages : 39 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.2658/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR FIXING HEAT RESISTANT COMPONENT ON A SURFACE OF A HEAT EXPOSED COMPONENT

(51) International classification :F04D 29/30
(31) Priority Document No :13185347.5
(32) Priority Date :20/09/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND
(72)**Name of Inventor :**
1)STUER, MICHAEL
2)CABAN, ISRAEL
3)ESQUERRE, MATHIEU

(57) Abstract :
The invention refers to a method for fixing a heat resistant component on (1) a surface of a heat exposed component (4), by brazing of at least a part of a surface of the heat resistant component (1) limited by a peripheral boundary edge (7) on the surface of the heat exposed component (4) using a molten solder (3). A first alternative comprises the following steps: metallizing the surface of the heat resistant component (1) at least with the exception of an edge area comprising the peripheral boundary edge (7) and brazing said metallized surface (2) to the surface of the heat exposed component (4), wherein at least the surface of the heat resistant component (1) consists of a ceramic material which has a physico-chemical property concerning wettability such that the ceramic material is not wettable by the molten solder (3), and/or a metal or a metal alloy is used for metallizing which has a physico-chemical property concerning wettability such that the metallizing is wettable by the molten solder (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1052/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD FOR CONSTRUCTING A DIVERSITY INDEX AND A VIABILITY INDEX OF MICROORGANISMS IN PROCESS SAMPLES

(51) International classification :C12Q1/02,C12Q1/04,C12Q1/68
(31) Priority Document No :13/550748
(32) Priority Date :17/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2013/050896
Filing Date :17/07/2013
(87) International Publication No :WO 2014/015044
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NALCO COMPANY
Address of Applicant :1601 W. Diehl Road Naperville Illinois 60563 U.S.A.
(72)**Name of Inventor :**
1)RICE Laura E.
2)LUND Liliya

(57) Abstract :
The invention is directed towards methods and compositions for identifying the specific microorganisms present in a particular potion of a papermaking processes. The method involves obtaining and comparing a diversity index of a sample from the process. Because no system is completely free from biological infestation utilizing information taken from the changes in the populations provides information useful in protecting the system from unwanted effects. Not only does the diversity index allow for the distinguishing between biological and non biological events it even allows for the prediction of problems without previously knowing that a particular organism will cause a particular problem.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/02/2015

(21) Application No.1080/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR THE SYNTHESIS OF N (PHOSPHONOMETHYL)GLYCINE

(51) International classification :C07F9/38,A01N57/20
(31) Priority Document No :12176756.0
(32) Priority Date :17/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065125
Filing Date :17/07/2013
(87) International Publication No :WO 2014/012991
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STRAITMARK HOLDING AG
Address of Applicant :Bundesplatz 1 CH 6300 Zug Switzerland
(72)**Name of Inventor :**
1)BURCK Sebastian
2)BRUYNEEL Frdric
3)NOTT‰ Patrick

(57) Abstract :
The present invention is related to a method for the synthesis of N- (phosphonomethyl)glycine or one of its derivatives selected from the group consisting of its salts, its phosphonate esters, or its phosphonate ester salts, which includes the steps of: a) forming, in the presence an acid catalyst, a reaction mixture comprising 2,5- diketopiperazine, formaldehyde and a compound comprising one or more P-0-P anhydride moieties, said moieties having one P atom at the oxidation state (+ III) and the other P atom at the oxidation state (+III) or (+V), to form N,N- bisphosphonomethyl-2,5- diketopiperazine, its mono- to tetra phosphonate esters, the dehydrated forms of N,N- bisphosphonomethyl-2,5-diketopiperazine and the phosphonate esters of its dehydrated forms; b) hydrolysing said N,N-bisphosphonomethyl-2,5-diketopiperazine, its dehydrated forms or their phosphonate esters to obtain N- (phosphonomethyl)glycine or one of its derivatives selected from the group consisting of its salts, its phosphonate esters and its phosphonate ester salts.

No. of Pages : 43 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1117/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PHICH RESOURCE ALLOCATION

(51) International classification :H04W28/06,H04L1/16,H04L5/16
(31) Priority Document No :2013900937
(32) Priority Date :18/03/2013
(33) Name of priority country :Australia
(86) International Application No :PCT/JP2014/056083
Filing Date :28/02/2014
(87) International Publication No :WO 2014/148284
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)NGUYEN Phong
2)LAN Yuanrong

(57) Abstract :
A method is disclosed for PHICH resource allocation in a wireless communication system that supports flexible TDD UL-DL configuration and in which different TDD UL-DL configurations are available and the TDD UL-DL configuration used by first UEs which operate according to the flexible TDD configuration can be different to the TDD UL-DL configuration used by second UEs which operate according to a long term TDD UL-DL configuration. The method comprising allocating a PHICH re source for both first UEs and second UEs according to LTE timing rules applicable to the TDD UL-DL configuration in use by second UEs.

No. of Pages : 56 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.2503/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HERBICIDAL COMPOUNDS

(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 :**
1)SYNGENTA LIMITED
Address of Applicant :European Regional Centre, Priestley Road, Surrey Research Park, Guildford, GU2 7YH, United Kingdom
2)SYNGENTA PARTICIPATIONS AG
(72)**Name of Inventor :**
1)PHADTE Mangala
2)SONAWANE Ravindra
3)HENNESSY Alan Joseph
4)BOEHMER Jutta Elisabeth
5)LONGSTAFF Adrian
6)DESSON Timothy Robert
7)RUSSELL Sally
8)HOTSON Matthew Brian
9)MOSELEY Donn Warwick
10)MORRIS James Alan

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

No. of Pages : 64 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.2668/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND MEASURING ARRANGEMENT FOR DETERMINING A FRESH AIR MASS FLOW

(51) International classification :f02D
(31) Priority Document No :102013224766.4
(32) Priority Date :03/12/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GmbH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)HUCK, Rene
2)BLEILE, Thomas

(57) Abstract :
The present subject matter relates to method for determining a fresh air mass flow to control an exhaust gas recirculation in an suction pipe (12) of a self-igniting internal combustion engine (2), comprising the steps of detecting a pressure drop measured value over a flow resistance with a pressure sensor (22) disposed in a flow direction (S) after the flow resistance, and determining the fresh air mass flow using the pressure drop measured value.

No. of Pages : 12 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014
(21) Application No.2527/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR REMOVING OF RESIDUAL CHARGE, X-RAY IMAGING METHOD AND APPARATUS USING THE METHOD

(51) International classification :G01N23/04
(31) Priority Document No :10-2013-0106307
(32) Priority Date :04/09/2013
(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

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742, Republic of Korea.
(72)**Name of Inventor :**
1)Young KIM
2)Sunil KIM
3)Jaechul PARK
4)Kangho LEE

(57) Abstract :
A method of removing residual charge from a photoconductive material includes applying a first voltage to the photoconductive material to form an electrostatic field during a collection operation in which x-rays are irradiated onto the photoconductive material; and applying a second voltage to the photoconductor to reduce an amount of residual charge therein during a removal operation, the second voltage being different from the first voltage. In one or more of the embodiments, the photoconductive material may include Mercury Iodine (Hgl2).

No. of Pages : 36 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/09/2014
(21) Application No.2675/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MATERIALS, DEVICES AND METHODS RELATED TO BELOW-RESONANCE RADIO-FREQUENCY CIRCULATORS AND ISOLATORS

(51) International classification :C04B 35/26
(31) Priority Document No :61/880,276
(32) Priority Date :20/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Skyworks Solutions, Inc.
Address of Applicant :20 Sylvan Road, Woburn, Massachusetts 01801, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)CRUICKSHANK, David Bowie
2)MACFARLANE, Iain Alexander
3)HILL, Michael David

(57) Abstract :
Materials, devices and methods related to below-resonance radio-frequency (RF) circulators and isolators. In some embodiments, a circulator can include a conductor having a plurality of signal ports, and one or more magnets configured to provide a magnetic field. The circulator can further include one or more ferrite disks implemented relative to the conductor and the one or more magnets so that an RF signal can be routed selectively among the signal ports due to the magnetic field. Each of the one or more ferrite disks can include synthetic garnet material having dodecahedral sites, octahedral sites and tetrahedral sites, with bismuth (Bi) occupying at least some of the dodecahedral sites, and aluminum (Al) occupying at least some of the tetrahedral sites. Such synthetic garnet material can be represented by a formula Y3-x-2y-zBixCa2y+zFe5-y-z-aVyZrzAlaO12. In some embodiments, $x \leq 1.4$, $y \leq 0.7$, $z \leq 0.7$, and $a \leq 0.75$.

No. of Pages : 38 No. of Claims : 20

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

(21) Application No.2676/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR ASSISTING WITH THE IMPLANTATION OF ACCESS POINTS OF A RADIO-COMMUNICATION INFRASTRUCTURE ALONG A RAILWAY TRACK

(51) International classification :b61D
(31) Priority Document No :13 59056
(32) Priority Date :20/09/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) 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)ALSTOM TRANSPORT TECHNOLOGIES
Address of Applicant :3 Av Andre' Malraux 92300 Levallois-Perret, France
(72)**Name of Inventor :**
1)MARCHOU, Vincent

(57) Abstract :
This method, by means of first and second emitting wagons (1, 3), including an emitting means similar to the one equipping the access points to be implanted and controlled for emitting a signal, and of a receiving wagon (2), including a receiving means similar to the one equipping the device loaded on board a train and able to measure a quantity relating to a received signal, consists of: - placing the first wagon (1) at the implantation point determined in the preceding iteration; - while the emission means of the first wagon (1) emits a first signal, moving the receiving wagon (2) away from the first wagon; - as soon as the quantity relating to the first signal is less than a threshold, immobilizing the receiving wagon (2); - while the emitting means of the second wagon (3) emits a second signal, moving the second wagon (3) away from the receiving wagon (2); - as soon as the quantity relating to the second signal is less than the threshold, immobilizing the second wagon (3); and - storing in memory the current position of the second wagon as an implantation point of an access point.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.2677/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF PURE FORM B OF TAPENTADOL HYDROCHLORIDE

(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)Ind-Swift Laboratories Limited
Address of Applicant :S.C.O. 850, Shivalik Enclave, NAC Manimajra, Chandigarh-160101 INDIA
(72)**Name of Inventor :**
1)NAIK RAJESH VINODRAI
2)SARIN GURDEEP SINGH
3)GUPTA PRANAV

(57) Abstract :
Process for the preparation of pure Form B of Tapentadol Hydrochloride The present invention relates to an improved and industrially advantageous process for the preparation of pure Form B of tapentadol hydrochloride in consistent manner by treating tapentadol base with a suitable source of hydrogen chloride in a suitable solvent in the presence of a suitable carboxylic acid other than lower aliphatic carboxylic acid.

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

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

(21) Application No.2398/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELEVATOR CONTROL APPARATUS

(51) International classification :B66B 1/30
(31) Priority Document No :2013-187269
(32) Priority Date :10/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOSHIBA ELEVATOR KABUSHIKI KAISHA
Address of Applicant :72-34, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8585, Japan
(72)**Name of Inventor :**
1)Shuichi Nojima

(57) Abstract :
According to one embodiment, there is provided an elevator control apparatus supplied with electric power from a battery during a power outage, the battery being charged with electric power supplied from a power supply during normal operation of an elevator and being charged with regenerative power generated by regenerative operation of the elevator during a power outage. During the power outage, a determiner determines whether or not a charging rate of the battery is greater than or equal to a first upper limit value. An operation controller performs operation, making an operation speed of the elevator during the regenerative operation less than a rated speed, if it is determined that the charging rate of the battery is greater than or equal to the first upper limit value.

No. of Pages : 34 No. of Claims : 7

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

(21) Application No.2399/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PENCIL FEEDER FOR A PENCIL SHARPENER

(51) International classification :B43L23/00
(31) Priority Document No :201320538456.4
(32) Priority Date :30/08/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XIANGBIAO Jin
Address of Applicant :Yinan Industrial Park, Yiwu Economic Development Zone, Yiwu City, Zhejiang Province (CN) China
(72)**Name of Inventor :**
1)XIANGBIAO Jin

(57) Abstract :
A pencil feeder for a pencil sharpener has a frame and a disc which is able to rotate with respect to the frame. The disc has a central hole and a plurality of raised dots evenly disposed on a periphery thereof opposite to the frame. The pencil feeder further has two pairs of bearings and two shafts respectively rotatably supported by each pair of the bearings. Each shaft has a central circular ridge and a pair of boss flanges each having a same distance to the central circular ridge. Inner most points on the two central circular ridges and four boss flanges are on one circle C. The pencil feeder further has a gear on each shaft between one boss flange and neighboring bearing.

No. of Pages : 11 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2692/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :18/09/2014
(43) Publication Date : 26/06/2015

(54) Title of the invention : SERVICE VEHICLE OF TEXTILE MACHINE

(51) International classification	:B65H 54/00
(31) Priority Document No	:2013-205423
(32) Priority Date	:30/09/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Murata Machinery, Ltd.
Address of Applicant :3 Minami Ochiai-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan
(72)**Name of Inventor :**
1)TOYODA Takahiro

(57) Abstract :
A yarn joining vehicle (3) includes a reverse rotating roller (63), an air cylinder (66), and a stopper (36). The reverse rotating roller (63) is adapted to rotate while making contact with a cross-wound package (45) to rotationally drive the cross-wound package (45). The air cylinder (66) is adapted to move the reverse rotating roller (63) between a contacting position where the reverse rotating roller (63) can make contact with the cross-wound package (45), and a receded position where the reverse rotating roller (63) is receded from the cross-wound package (45) . The stopper (36) is provided independent of the air cylinder (66) and adapted to hold the reverse rotating roller (63) at a held position closer to the receded position than the contacting position.

No. of Pages : 58 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014

(21) Application No.2693/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ARRANGEMENT FOR A ROLLER BLIND

(51) International classification :B60J 1/20
(31) Priority Document No :10 2013 110 650.1
(32) Priority Date :26/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Dr. Ing. h.c. F. Porsche Aktiengesellschaft
Address of Applicant :Porscheplatz 1, 70435 Stuttgart Germany
(72)**Name of Inventor :**
1)HOFMANN, Peter

(57) Abstract :
The invention relates to an arrangement for retracting and extending a roller blind web which has a first longitudinal edge and a second longitudinal edge which is shorter than the first longitudinal edge, said longitudinal edges lying opposite each other, wherein the arrangement has a cassette and an end strip (14), wherein the cassette is designed for accommodating the roller blind web and has a shaft, wherein the first longitudinal edge is arranged on the shaft, and the roller blind web can be wound up and unwound around the shaft, wherein the second longitudinal edge is arranged on a housing (20) of the end strip (14), wherein a first gearwheel (30) with a first diameter D1 and a second gearwheel (32) with a second diameter D2 are arranged in the housing (20) of the end strip (14), wherein the two gearwheels (30, 32) can rotate about a common shaft, wherein a first telescopic arm (22) and a second telescopic arm (24) are assigned to the housing (20), wherein each telescopic arm (22, 24) has a section which is arranged within the housing (20) and has a rack (26, 28), wherein a rack (26) of the first telescopic arm (22) can roll along the first gearwheel (30) and a rack (28) of the second telescopic arm (24) can roll along the second gearwheel (32), as a result of which the first telescopic arm (22) is moved relative to the housing (20) by a first distance S1 din a first direction and the second telescopic arm (24) is moved at the same time relative to the housing (20) by a second distance S2 in an opposed, second direction.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/08/2014

(21) Application No.2440/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ARC FURNACE

(51) International classification :F27B
(31) Priority Document No :2013-180757
(32) Priority Date :31/08/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DAIDO STEEL CO., LTD.
Address of Applicant :1-10, Higashisakura 1-chome, Higashi-ku, Nagoya, Aichi, Japan
(72)**Name of Inventor :**
1)Masato OGAWA
2)Kunio MATSUO
3)Noriyuki TOMITA
4)Akihiro NAGATANI

(57) Abstract :
Provided is an arc furnace, including: a furnace body having a bottomed cylindrical shape; a furnace lid that openably closes an opening of the furnace body; an 5 electrode that is provided at the furnace lid and melts a metal material supplied into the furnace body by electric discharge; a tilting floor that is tillable within a plane substantially perpendicular to the tilting floor; and a rotation mechanism that is provided on the tilting floor inward from an outer circumference of the furnace body to support a bottom wall of the furnace body, and rotates the furnace body around a 10 cylinder axis thereof.

No. of Pages : 22 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.2523/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : USE OF PATCHOULI EXTRACT IN THE PREPARATION OF COMPOSITIONS WITH AN ANTI-MICROORGANISM EFFECT •

(51) International classification	:A61K
(31) Priority Document No	:TW 102131723
(32) Priority Date	:03/09/2013
(33) Name of priority country	:Taiwan
(86) International Application No	:NA
Filing Date	:NA
(87) 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)ONENESS BIOTECH CO., LTD
Address of Applicant :7F.-1, No.3-1, Yuanqu St., Nangang Dist., Taipei City 115, Taiwan (R.O.C.)
(72)**Name of Inventor :**
1)HUI-CHUN CHEN
2)JEN-WEI CHEN
3)HSIAO-CHU HUANG
4)WEI-LUEN CHANG

(57) Abstract :
The present invention provides a method for manufacturing a medicine for inhibiting the infection of a microorganism of a Plectranthus amboinicus (Lour.) Spreng extract. Also provided is a method or composition for treating or preventing acne vulgaris caused by microorganisms, particularly Propionibacterium acnes, Staphylococcus aureus, and Pseudomonas aeruginosa.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.2524/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STEAM TURBINE FACILITY AND METHOD OF OPERATING THE SAME

(51) International classification :F01K
(31) Priority Document No :2013-185697
(32) Priority Date :06/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOSHIBA
Address of Applicant :1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan
(72)**Name of Inventor :**
1)ASAKURA Daisuke
2)KANBE Koji
3)SHIOYAMA Tsutomu
4)OOFUJI Tomoo

(57) Abstract :
In one embodiment, a steam turbine facility includes drain piping in which a shut-off valve is provided, the drain piping being either a valve drain pipe that leads a drain from the main steam regulating valve to an outside thereof, or a casing drain pipe that leads a drain from the turbine casing to an outside thereof. A heat absorber disposed in a range, upstream of the shut-off valve, of the drain piping to absorb heat of the drain piping.

No. of Pages : 55 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2013

(21) Application No.2672/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SEMI-AUTOMATED SHOPPING CART FOR SELF BILLING OF GOODS

(51) International classification :C06Q
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)JASKARAN SINGH PURI
Address of Applicant :House No. 858 Phase-X Mohali Punjab India
(72)**Name of Inventor :**
1)JASKARAN SINGH PURI

(57) Abstract :
The present invention discloses a semi-automated shopping cart for self- billing of goods resulting in time saving, is cost effective and user friendly. The invention comprises an android scanner connected to the internet and a weighing scale with a digital display capable of taking load of the shopping cart full of goods, same being placed before the payment counter. Since the system provides for shopping & billing by the buyer himself, only payment has to be made at the counter. Thus a lot of time saving is achieved which is otherwise wasted while standing in long queues waiting for bill generation and thereafter doing payment.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2014

(21) Application No.2745/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COOKER DEVICE FOR THE TRANSFERRING, MOVING AND AT LEAST PARTIAL COOKING OF FOOD PRODUCTS

(51) International classification :A47J
(31) Priority Document No :PR2013A000073
(32) Priority Date :24/09/2013
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STORCI S.P.A.
Address of Applicant :Via Lemignano, 6 fraz. Lemignano 43044 COLLECCHIO (PR) – Italy
(72)**Name of Inventor :**
1)SERVENTI, Alberto

(57) Abstract :
Cooker device for the transferring, moving and the at least partial cooking of food products to be packaged or further processed in a line downstream, of the type comprising a. at least one lower half-tank (2) which receives cooking water in the operative step, b. a loading zone (I) and, at the outlet, an unloading zone (U), c. a product advancement drum (3) immersed in the water, for product advancement from the inlet point (I) to the outlet point (U), by means of a product advancement screw; said drum (3) controllable in axial rotation (AA) by means of known type; in operative conditions, the drum is partially immersed in the water. The drum (3) comprises multiple starts (4, 5, 6) or threads equidistant from each other and each start or thread (4, 5, 6), at the outlet section (U), comprises a collection cup (T) which unloads the product, if in communication with the outlet (U) of the device. Each cup is integral with the respective thread.

No. of Pages : 19 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2014
(21) Application No.2318/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPONENT ARRANGEMENT STRUCTURE OF COMBINED BRAKE OF STRADDLE TYPE VEHICLE

(51) International classification	:b60T
(31) Priority Document No	:2013-205981
(32) Priority Date	:30/09/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan
(72)**Name of Inventor :**
1)DAI HIWATASHI

(57) Abstract :
[Problem] To shorten the piping of a combined braking system. [Means for solving the p:roblens] Hydraulic pressure generated ill a rear master cylinder 27 by an operation of a brake pedal. 26 is introduced. to a PCV 41 ti-rough a. di.scharge hose 40a, distributed to the front and rear iii. the PCV, supplied to a rear caliper 25 of a rear wheel brake 30 by a rear d.i.stribution pipe 44, and to a front caliper 18 of a front wheel brake 20 by a front distribution pipe 46 through a. delay val.ve 47 and second front wheel bralte hose 22. Thus, only a bralce pedal. 26 is required for distributing appropriate braking force and actuating the front wheel hralie 20 and rear wheel brake 30. The PCV 41 is attachecl to a stay 50 weldecl to engine hangers 37 provided in upper portions of a center frame 3 3 . Accordingly, the frciat distribution pipe 46 is arranged so as to extend along a main frame 32 to the delay valve 47, so that the front distribution pipe 46 can be made as short as possible.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.2455/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELECTRODE STRUCTURE FOR PLASMA CUTTING TORCHES

(51) International classification :H05H 1/34
(31) Priority Document No :13 184 321.1
(32) Priority Date :13/09/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KJELLBERG-STIFTUNG
Address of Applicant :Schlostrae 6C, 03238 Finsterwalde, Germany
(72)**Name of Inventor :**
1)RALF-PETER REINKE
2)FRANK LAURISCH
3)VOLKER KRINK

(57) Abstract :
The invention relates to an electrode structure for plasma cutting torches, wherein a recess or borehole open at one side in the direction of a workpiece to be processed is formed in an electrode holder or in a holding element for receiving an emission insert, in which recess or borehole the inserted emission insert can be fastened in a force transmitting manner, in a shape-matching manner and/or with material continuity. At least one pressure equalization passage and/or an at least temporarily active pressure equalization passage is present between a hollow space formed in a recess or borehole and the emission insert and the environment through the emission insert and/or between an outer jacket surface region of the emission insert and the inner wall of the recess or borehole, which is formed in the holding element or in the electrode holder (7.1). Alternatively or in addition at least one pressure equalization passage and/or a temporarily active pressure equalization passage can be present between a hollow space formed in a recess or borehole and the holding element and the environment through the holding element and/or between an outer jacket surface region of the holding element and the inner wall of the recess or borehole which is formed in the electrode element or in the holding element.

No. of Pages : 38 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2014

(21) Application No.2757/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POWER CONVERTERS

(51) International classification :H02M
(31) Priority Document No :61/884,556
(32) Priority Date :30/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)O2 MICRO, INC.
Address of Applicant :3118 PATRICK HENRY DRIVE SANTA CLARA, CALIFORNIA 95054 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)CATALIN POPOVICI
2)ALIN GHERGHESCU
3)LASZLO LIPCSEI

(57) Abstract :
A power converter for converting input power to output power includes a first transformer circuit, a second transformer circuit, and balance circuitry. The first transformer circuit includes a first primary winding for receiving a first part of the input power and a first secondary winding for generating a first part of the output power. The second transformer circuit includes a second primary winding for receiving a second part of the input power and a second secondary winding for generating a second part of the output power. The balance circuitry is coupled to a first terminal of the first secondary winding and a second terminal of the second secondary winding, and operable for balancing the first and second parts of the output power by passing a signal between the first and second terminals. The first and second terminals have the same polarity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.245/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN OPTIMIZED TYPING INTERFACE

(51) International classification :G06K
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNISYS CORPORATION
Address of Applicant :1 UNISYS WAY, BLUE BELL, PA 19424, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)KENNETH D'SOUZA

(57) Abstract :
In a keypad for a user interface, twelve letter keys are arranged in an array of three horizontal rows and four vertical columns and the letters distributed ergonomically by placing the most common letters in the English language on keys located near the middle of the matrix, and limiting to two the number of keys supporting more than two letters.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014
(21) Application No.2450/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOTORCYCLE

(51) International classification :G08G1/16
(31) Priority Document No :2013-198488
(32) Priority Date :25/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)ITO, Keisuke
2)SHIBANO, Ken
3)INAYAMA, Yoshisato
4)HASEGAWA, Kei
5)ENDO, Yuta

(57) Abstract :
One or more throttle bodies and a surge tank are disposed behind a cylinder head, and an intercooler is disposed by being adjacent to the surge tank at a position behind the cylinder head and the one or more throttle bodies. A supercharger is provided in front of the intercooler.

No. of Pages : 92 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/09/2014

(21) Application No.2528/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COVER STRUCTURE OF VEHICLE BODY LOWER PART

(51) International classification	:B62D 21/00
(31) Priority Document No	:2013-192961
(32) Priority Date	:18/09/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka-ken, Japan
(72)**Name of Inventor :**
1)ARAKI, Takashi
2)MACHINO, Atsumi

(57) Abstract :
[Problem to be Solved] End portion rigidity of a front bumper and an undercover is improved so as to raise joining strength by a projecting portion for duct and the like forming a duct opening portion for introducing air, a position with respect to a vehicle body is stably ensured, the air is introduced and made to flow between an exhaust system and the undercover so as to effectively cool the exhaust system without preventing rectification of air flow by a joining portion between the front bumper and the undercover, and fuel efficiency is improved by reducing air resistance. [Solution] A front bumper 2 provided on a vehicle body front part 1 and an undercover 3 provided on a lower part of the front bumper 2 in a rearward direction of the vehicle and covering a lower side of an engine compartment E are provided, and a rear end portion 2a of the front bumper 2 and a front end portion 3a of the undercover 3 are arranged by overlapping each other as viewed from below the vehicle, a projecting portion for duct 8 is provided on the front bumper 2 of this overlapping portion, a duct opening portion 9 is formed by the projecting portion for duct 8 as viewed from in front of the vehicle, and the front bumper 2 and the undercover 3 are joined to each other on the overlapping portion and at a position close to the duct opening portion 9.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014

(21) Application No.2683/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMMUNICATION DEVICE FOR RAIL VEHICLE, RAIL VEHICLE EQUIPPED WITH SAID DEVICE

(51) International classification :h04b
(31) Priority Document No :13 59029
(32) Priority Date :19/09/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) 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)ALSTOM TRANSPORT TECHNOLOGIES
Address of Applicant :3 AV ANDRE' MALRAUX, 92300 LEVALLOIS-PERRET, FRANCE
(72)**Name of Inventor :**
1)FAYT, ETIENNE, ANDRE, MAURICE

(57) Abstract :
This communication device (5) for rail vehicle (10) is of the type comprising a wireless communication stage (30) to communicate with a control beacon (15) on at least one communication spectrum band of a spectral range sub-divided into several predetermined channels, and is characterized in that it further comprises a protection stage (35) linked to a protection antenna (40), the protection stage (35) being capable of generating signals on at least one of the predetermined channels which at least partly cover the or each spectral communication band, and the protection antenna (40) being capable of radiating the generated signals in the direction of at least one coach (27, 45) of the said rail vehicle (10).

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2014

(21) Application No.2760/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OPERATION LEVER STRUCTURE AND VEHICULAR SEAT

(51) International classification :B60H
(31) Priority Document No :2013-200174
(32) Priority Date :26/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)IMAI, Motoyuki
2)NAKANE, Hironobu
3)SAKURAI, Akihiro
4)HABA, Makoto
5)KUBOTA, Jun

(57) Abstract :
There is provided an operation lever structure. A reclining mechanism is capable of adjusting a tilting angle of a seatback relative to a seat cushion. A cover member is provided at a side of a vehicular seat and configured to cover the reclining mechanism and to rotate between an initial position at which the reclining mechanism is locked and a lock release position at which a locked state is released.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.2479/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD FOR THE ATTACHMENT OF A FASTENER ELEMENT TO A WORKPIECE, A COMBINATION OF A WASHER WITH A DIE BUTTON AND ALSO A DIE BUTTON

(51) International classification :A44B
(31) Priority Document No :102013217640.6
(32) Priority Date :04/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROFIL Verbindungstechnik GmbH & CO. KG
Address of Applicant :Otto-Hahn-Strasse 22 24 61381 Friedrichsdorf, GERMANY
(72)**Name of Inventor :**
1)Oliver DIEHL
2)Dr. Richard HUMPERT
3)Andreas LEMBACH

(57) Abstract :
A method for the attachment of the fastener element to a workpiece with the aid of a washer and also a die button are described. The fastener element has a flange of larger diameter, a rivet section of smaller diameter which extends away from the flange and a workpiece contact surface at the side of the flange adjacent the rivet section. The die button is provided to receive a washer and has a central post the end face of which lies at least substantially flush with the side of the washer adjacent to the workpiece. The non-pre-pierced workpiece is pierced by the said end face of the central post and the free end of the rivet section and the rivet section of the fastener element is subsequently deformed to form a rivet bead. Moreover, a die button and a combination of a die button with a washer are claimed.

No. of Pages : 27 No. of Claims : 12

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

(21) Application No.2624/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR MANAGING A SHUT DOWN OF A BOILER

(51) International classification :G06Q
(31) Priority Document No :13191735.3
(32) Priority Date :06/11/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND
(72)**Name of Inventor :**
1)HEIM, MICHAEL
2)FERRAND, THOMAS

(57) Abstract :
The method for managing a shut down of a boiler (1) having a duct (12), heat exchanging components, the heat exchanging component having tubed heat exchanging surfaces (16) within the duct (12) and headers (17, 18) outside the duct (12). The method comprises regulating the temperature of the headers (17, 18) during shut down to a temperature close to the one expected for the steam moving from the tubed heat exchanging surfaces (16) into the headers (17, 18) at a starting up following the shut down.

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

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

(21) Application No.2696/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SHAVING BLADE CARTRIDGE

(51) International classification	:B26B 21/00
(31) Priority Document No	:13185994.4
(32) Priority Date	:25/09/2013
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BIC-VIOLEX SA
Address of Applicant :Agiou Athanasiou ANIXI, ATTIKI 145 69, Greece
(72)**Name of Inventor :**
1)EFTHIMIADIS Dimitrios
2)GEORGAKIS Georgios

(57) Abstract :
A shaving blade cartridge (1) including a housing (2) extending along a longitudinal axis (X-X), having first and second longitudinal sides (5, 6), and being provided with a through hole (7, 8) extending transversally to the longitudinal axis (X-X) through the 5 housing (2). The shaving blade cartridge also includes at least one cutting blade (29) and a clip (9, 10) retaining the at least one cutting blade (29) in the housing (2) and having a first leg (11), a second leg (12) and a clip body (13). The shaving blade cartridge is such that the first leg (11) of the clip (9, 10) surrounds the first longitudinal side (5), and the second leg (12) of the clip (9, 10) is received in the 10 through hole (7, 8).

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2014

(21) Application No.2766/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BIO-RENEWABLE PHASE CHANGE INKS

(51) International classification	:C09D 11/02
(31) Priority Document No	:14/053,601
(32) Priority Date	:15/10/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)XEROX CORPORATION
Address of Applicant :45 Glover Avenue, P.O. Box 4505, Norwalk, Connecticut 06856-4505 U.S.A.
(72)**Name of Inventor :**
1)GOREDEMA, Adela
2)BELELIE, Jennifer
3)MAYO, James Daniel
4)VANBESIEN, Daryl W.
5)KEOSHKERIAN, Barkev
6)BAMSEY, Nathan
7)ELIYAHU, Jenny

(57) Abstract :
A phase change ink composition suitable for ink jet printing, including printing on coated paper substrates. In embodiments, the phase change ink composition comprises a bio-renewable crystalline component and amorphous component which provides for a robust ink composition. In embodiments, the amorphous component is derived from low cost, stable and bio-renewable materials comprising aromatic rosin esters.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2014
(21) Application No.2767/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DISPLAY APPARATUS AND IMAGE DISPLAY METHOD USING THE SAME

(51) International classification	:G06F 3/041
(31) Priority Document No	:10-2013-0118779
(32) Priority Date	:04/10/2013
(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

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO., LTD.
Address of Applicant :129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea.
(72)**Name of Inventor :**
1)Hyun Hwa OH
2)Young Hun SUNG
3)Jae Hyun KWON
4)Kang Eui LEE

(57) Abstract :
Disclosed herein are a display apparatus which facilitates a simultaneous comparison of a plurality of images which respectively illustrate different features on one divided display screen such that the images are seamlessly displayed on the screen, and an image display method which is performable by using the apparatus. The display apparatus includes a memory configured to store a plurality of different types of images of an object, an input device configured to receive an input of a command relating to simultaneously displaying the different types of images, and a display device configured to display images. Upon receiving the command, the display device divides a screen upon which an image of the object is displayable into a first region within which a first image showing one portion of the object is displayed and a second region within which a second image showing the remaining portion of the object is displayed.

No. of Pages : 59 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2014

(21) Application No.2615/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLEXIBLE CANNULA AND OBTURATOR

(51) International classification :a61m
(31) Priority Document No :14/039,337
(32) Priority Date :27/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEPUY MITEK, LLC
Address of Applicant :325 Paramount Drive, Raynham, MA 02767, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)GREGORY R. WHITTAKER
2)STEVEN N. BITTENSON
3)GARY MCALISTER

(57) Abstract :
A cannula system provides a cannula formed of a soft conformable material such as silicone and having an exterior thread. The cannula lacks rigidity, especially axially, and an obturator therefor is provided with an external thread to interact with the cannula an maintain its shape as it is inserted into a patient™s body.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014

(21) Application No.2690/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FUNDAMENTAL GEAR SYSTEM ARCHITECTURE

(51) International classification :F02C 7/06
(31) Priority Document No :14/034,720
(32) Priority Date :24/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNITED TECHNOLOGIES CORPORATION
Address of Applicant :ONE FINANCIAL PLAZA, HARTFORD, CONNECTICUT 06101, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)SHERIDAN WILLIAM G.
2)MCCUNE MICHAEL E.
3)SCHWARZ FREDERICK M.
4)KUPRATIS DANIEL BERNARD
5)SUCIU GABRIEL L.
6)ACKERMANN WILLIAM K.
7)HUSBAND JASON

(57) Abstract :
A fan drive gear system for a gas turbine engine includes a gear system that provides a speed reduction between a fan drive turbine and a fan and a mount flexibly supporting portions of the gear system. A lubrication system supporting the fan drive gear system provides lubricant to the gear system and removes thermal energy produced by the gear system. The lubrication system includes a capacity for removing energy equal to less than about 2% of energy input into the gear system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014

(21) Application No.2691/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OPTICAL IMAGING SYSTEM

(51) International classification :G02B
(31) Priority Document No :102013219379.3
(32) Priority Date :26/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Carl Zeiss Meditec AG
Address of Applicant :Goeschwitzer Str. 51-52, 07745 Jena, GERMANY
(72)**Name of Inventor :**
1)MERZ Franz
2)HOEGELE Dr. Artur

(57) Abstract :
An optical imaging system 1 for generating an image of an object plane comprises a lens system which comprises a main objective 20 and a reduction optical unit upstream of the main objective 20 and which is aligned along an optical axis 23. The reduction optical unit comprises a first lens 22 with a positive refractive power 22 and a second lens 21 with a negative refractive power. An object-side first main plane H and an image-side second main plane H are defined by the lens system. The optical imaging system defines an observation beam path which is guided through the lens system in such a way that, in the first main plane H and in the second main plane H, the observation beam path in each case has a distance B from the optical axis of the lens system. According to the invention, the first lens 22 is manufactured from a first material which has a first Abbe number and the second lens 21 is manufactured from a second material which has a second Abbe number, wherein the first Abbe number is greater than the second Abbe number. The lens system is configured in such a way that the following relation is satisfied for a wavelength range ʎ of 480 nm≤ʎ≤660 nm and for a main wavelength e=546 nm: where: fe = object-side focal length for the main wavelength e in respect of the first main plane H; f2 = object-side focal length for the wavelength ʎ in respect of the first main plane H; fe = image-side focal length for the main wavelength e in respect of the second main plane H.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2014

(21) Application No.2770/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PORTABLE DEVICE AND HEARTBEAT REACHING TIME MEASUREMENT CONTROL METHOD

(51) International classification	:A61B 5/00	(71)**Name of Applicant :**
(31) Priority Document No	:2013-209932	**1)SEIKO EPSON CORPORATION**
(32) Priority Date	:07/10/2013	Address of Applicant :of 4-1, Nishi-Shinjuku 2 chome, Shinjuku-ku, Tokyo, Japan
(33) Name of priority country	:Japan	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)YAMAGUCHI, EIICHIRO**
Filing Date	:NA	**2)SATA, REIKO**
(87) 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 heart rate of a user is monitored by a heart rate sensor set. On a touch panel, during execution of high-load exercise, time required from the start of the high-load exercise until the heart rate rises to reach a threshold of a lower limit of a target heartbeat zone of the high-load exercise is measured as a first threshold reaching time and displayed in a threshold-reaching-time display section. During execution of the following low-load exercise, time required from the start of the load exercise until the heart rate falls to reach a threshold of an upper limit of a target heartbeat zone of the low-load exercise is measured as a second threshold reaching time and displayed in the threshold-reaching-time display section.

No. of Pages : 63 No. of Claims : 13

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

(21) Application No.2542/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DOOR STRUCTURE FOR VEHICLE

(51) International classification :B60J 5/00
(31) Priority Document No :2013-190438
(32) Priority Date :13/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka-ken, Japan
(72)**Name of Inventor :**
1)JINNO, Hironori

(57) Abstract :
[Problem to be Solved] To provide a door structure for a vehicle that ensures rigidity at a base part of a sash part in a simple structure. [Solution] The outer reinforcement (4) includes an extension part (41) extending to an expansion surface and is joined with an inner reinforcement (22) at the extension part in a door structure such that an inner reinforcement (22) is joined with a sash outer reinforcement (21) supporting a sash (3A) on the inside; a bottom side (22b) of the inner reinforcement is joined with an inner panel (12); and the inner reinforcement (22) and the sash outer reinforcement (21) include the expansion surface (21b) on the opposite side of a door glass with respect to the sash (3A).

No. of Pages : 21 No. of Claims : 3

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

(21) Application No.2543/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD OF SYNCHRONIZING TIME BETWEEN MULTIPLE SYSTEMS

(51) International classification :H04N
(31) Priority Document No :14/021,287
(32) Priority Date :09/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Harnischfeger Technologies, Inc.
Address of Applicant :2751 Centerville Road Suite 342, Wilmington Delaware 19808 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)BASULTO, Jorge A.
2)PAYNE, Charles D.

(57) Abstract :
Systems and methods for synchronizing time between multiple systems on a mining machine. The system includes a programmable logic controller (PLC) for controlling the mining machine and for transmitting a time to synchronize computer subsystems on the machine. The PLC includes a system clock that is programmed to operate on local time. A battery pack is connected to the PLC to allow the system clock to function continuously, even when the machine is turned off. Computer subsystems request and receive time updates from the PLC. A local time on each computer subsystem is determined based on the time update received from the PLC. Each computer subsystem includes a time zone parameter set to Coordinated Universal Time (UTC) and a Daylight Saving Time (DST) parameter that is disabled. Accordingly, the local time on each computer subsystem is set to the time update value received from the PLC.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2013

(21) Application No.2699/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A GUIDED SLICING SYSTEM FOR OBTAINING HISTOLOGICAL SAMPLES AND METHODS THEREOF

(51) International classification	:G01D, B26D
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)Aspect Imaging Ltd.
Address of Applicant :27 Hashaked St. A.T. Modi™in P.O.B 926 Shoham 60850 (IL) Israel
(72)**Name of Inventor :**
1)SCHIFFENBAUER, Yael S.

(57) Abstract :
A system and method for providing guided slicing of histological samples. The samples are acquired, spacially labeled with a fiducial marker, and imaged with a scanning system. The images are analyzed, either manually, semi-automatically or automatically, and likely locations of pathologies are identified. A slicing program is then generated and the sample sliced according to the slicing program, thereby ensuring that likely locations of pathologies are analyzed.

No. of Pages : 12 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2014

(21) Application No.2780/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DEVICE FOR MANUFACTURING A HOLLOW GLASS ARTICLE COMPRISING A MOLD INTENDED TO RECEIVE A PARISON

(51) International classification	:C03B 9/447
(31) Priority Document No	:13 59510
(32) Priority Date	:01/10/2013
(33) Name of priority country	:France
(86) International Application No	:NA
Filing Date	:NA
(87) 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)POCHET DU COURVAL
Address of Applicant :121 Quai de Valmy, 75010 PARIS, FRANCE
(72)**Name of Inventor :**
1)PATRICE MAYEU
2)S‰BASTIEN GUEROUT

(57) Abstract :
A device (1) for forming a hollow glass article from a parison, the article including a ring extending around an axis (D), a body, and one or several shoulders extending between the ring and the body, comprising: - a mold (50) including several movable portions (54, 56) between a closed configuration, in which the portions define a first imprint (58) adapted for forming the body of the article, and an open configuration in which the portions are moved away from each other in order to remove the article from the mold, and - a movable blowing head (52) between a blowing position in which the blowing head is applied against the mold, and a rest position in which the blowing head is at a distance from the mold, the blowing head being adapted for injecting at least one gas jet into the inside of the parison in the blowing position. The blowing head includes at least one face (76) defining a second imprint (78) adapted for forming at least one portion of the shoulder(s) in the blowing position. Corresponding method and hollow glass article.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1107/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A WIRELESS COMMUNICATION SYSTEM A BASE STATION AND A MEATHOD THEREIN

(51) International classification :H04W28/04,H04W28/06,H04W72/04
(31) Priority Document No :2013900058
(32) Priority Date :08/01/2013
(33) Name of priority country :Australia
(86) International Application No :PCT/JP2014/050607
Filing Date :07/01/2014
(87) International Publication No :WO 2014/109411
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)NGUYEN Phong
2)LAN Yuanrong

(57) Abstract :
A method according to the present invention is implemented in a base station used in a wireless communications system that supports flexible-TDD (flexible-time division duplex) UL-DL (uplink-downlink) configuration. The method includes configuring a first type of user equipment (UE) with a first type of configuration; configuring a second type of UE with a second type of configuration; and receiving from a user equipment a HARQ-ACK (hybrid automatic repeat request-acknowledgement) signal ac cording to a DL association set. The the DL association set includes: a first DL association set for a UL-DL TDD configuration used by the first type of UE; and a second DL association set for a reference UL-DL TDD configuration including a third DL association set for PUCCH resource mapping used by the second type of UE.

No. of Pages : 50 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1108/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM DATA COMMUNICATION METHOD GATEWAY DEVICE AND BASE STATION

(51) International classification :H04W4/20,H04W92/24
(31) Priority Document No :2012200731
(32) Priority Date :12/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005397
Filing Date :12/09/2013
(87) International Publication No :WO 2014/041805
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)ZEMBUTSU Hajime
2)TAMURA Toshiyuki

(57) Abstract :
The purpose of the present invention is to provide a mobile communication system and a data communication method whereby the resource load can be reduced in a mobile phone system. This mobile communication system is provided with an SGW (40) for transfer of user data to and from an eNodeB (20) and a PGW (50) for transfer of user data to and from an external network. The SGW (40) and the PGW (50) are configured such that small volumes of data sent and received autonomously from a terminal device through the eNodeB (20) is transferred between the SGW (40) and the PGW (50) by using a communication resource for the transfer of control signals rather than a communication resource for the transfer of user data.

No. of Pages : 99 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1139/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WEBPAGES WITH ONBOARD HARDWARE FUNCTIONS

(51) International classification :H04L29/08
(31) Priority Document No :201210395535.4
(32) Priority Date :17/10/2012
(33) Name of priority country :China
(86) International Application No :PCT/US2013/064485
Filing Date :11/10/2013
(87) International Publication No :WO 2014/062490
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALIBABA GROUP HOLDING LIMITED
Address of Applicant :Fourth Floor One Capital Place P.O. Box 847 George Town Grand Cayman Island
(72)**Name of Inventor :**
1)QU Zishen

(57) Abstract :
Sending webpage data to a client application includes: receiving a webpage request sent by the client application; detecting a marking parameter in the webpage request; determining a client type of the client application based at least in part on the marking parameter; in the event that the client type is determined to be a browser client application sending to the client application first webpage data comprising webpage information; in the event that the client type is determined to be a non browser client application sending to the client application second webpage data comprising webpage information and code to execute an on-board hardware function.

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/08/2014

(21) Application No.2334/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CLUTCH DEVICE WITH WEAR COMPENSATION

(51) International classification :F16D13/71
(31) Priority Document No :1358538
(32) Priority Date :05/09/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) 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)VALEO EMBRAYAGES
Address of Applicant :81 Avenue, Roger Dumoulin 800009 Amiens Cedex 2, France
(72)**Name of Inventor :**
1)JULIEN BRAILLY

(57) Abstract :
The invention concerns a clutch device with wear compensation, including wear-compensation means equipped with a pawl (20) intended to exert an elastic return force A on a diaphragm (6) and an elastic return force R on the teeth (30) on a ratchet wheel (13). The pawl (20) is designed so that the ratio of the force A to the force R is preferably greater than or equal to 1.2 when the diaphragm (6) is in the clutch-fully-engaged position. Moreover, the pawl (20) includes at least one stiffener (35) tending to increase the elastic return force.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2014

(21) Application No.2810/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CIRCUIT BREAKER AND PRODUCTION METHOD OF PIN FOR CIRCUIT BREAKER™S SWITCHING MECHANISM

(51) International classification	:H01H 69/00	(71)**Name of Applicant :** **1)LSIS CO., LTD.** Address of Applicant :127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea
(31) Priority Document No	:10-2013-0124176	
(32) Priority Date	:17/10/2013	(72)**Name of Inventor :** **1)Seong Yeol CHO**
(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	

(57) Abstract :
A circuit breaker according to the present disclosure may include a movable contact configured to be brought into contact with or separated from the stationary contact, and a switching mechanism configured to switch the movable contact, wherein the switching mechanism includes a shaft rotatably installed therein; a transfer link configured to transfer a driving force from the shaft to the movable contact; and a pin configured to hinge-couple the shaft to the transfer link and insulate them from each other, and the pin is installed with a wear resistant member at a portion brought into contact with the shaft. Meanwhile, a method of fabricating a pin for a circuit breaker switching mechanism may include forming an insulating member in a cylindrical shape; forming a wear resistant member in a pipe shape capable of surrounding one side of the insulating member; disposing the wear resistant member at one side of the insulating member; and deforming both ends of the wear resistant member to burrow into the insulating member so as to fix the wear resistant member to one side of the insulating member.

No. of Pages : 51 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2014

(21) Application No.2652/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LIGHTNING PROTECTION SYSTEM WITH INTEGRATED ANTI-ICINGSYSTEM FOR WIND TURBINE BLADES

(51) International classification :f03d
(31) Priority Document No :201300919
(32) Priority Date :03/10/2013
(33) Name of priority country :Spain
(86) International Application No :NA
Filing Date :NA
(87) 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)GAMESA INNOVATION & TECHNOLOGY, S.L.
Address of Applicant :Avenida Ciudad de la Innovaci³n, 9-11 31621 Sarriguren (Navarra) SPAIN
(72)**Name of Inventor :**
1)IRIARTE ELETA, Javier
2)MORIANA GARC • A, Irune
3)AROCENA DE LA RšA, Ion
4)HERMOSILLA AZANZA, I±aki
5)ALLI O'OS. Irene

(57) Abstract :
Lightning protection system (LPS) with an integrated anti-icing system for wind turbine blades that comprises a smart protection system (10), an integrated IPS characterized by some conductive sheets (13) embedded in the carbon laminate of the wind turbine blade (1), some overvoltage dischargers (11) installed between the conductive sheets (13) of the IPS and the downlead cable (2) for the lightning protection system (LPS) and an external receptor frame (17).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2014
(21) Application No.2654/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ATTACHMENT STRUCTURE FOR UNDER COVER

(51) International classification :H02G
(31) Priority Document No :2013-192977
(32) Priority Date :18/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka-ken, Japan
(72)**Name of Inventor :**
1)OISHI, Koji
2)KONO, Yuzuru

(57) Abstract :
[Problem to be Solved] To provide an attachment structure for an under cover capable of smoothly feeding the air, which is introduced from the vehicle front, along the upper and lower surfaces of the under cover, feeding the air to the vehicle back without being prevented from being straightened in an up-down direction foot section provided in an attachment section to a vehicle body in a rear part, and reducing air resistance during vehicle travel. [Solution] An attachment structure for an under cover 3 includes a planar basic plane section 31 that covers an engine compartment E on the lower side of a vehicle body and includes, in a rear edge section 3b, attachment sections D to a front suspension frame 4. Up-down direction foot sections 32 extending in the vehicle front-back direction and the vehicle width direction of the basic plane section 31 are provided in the attachment sections D. Portions 32a of vehicle front-back direction surfaces of the up-down direction foot sections 32 are cut off in the vehicle up-down direction.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/09/2014

(21) Application No.2732/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SIGNALING SYSTEM

(51) International classification	:H01J 61/64
(31) Priority Document No	:2013-206044
(32) Priority Date	:01/10/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Hitachi, Ltd.
Address of Applicant :6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280, Japan
(72)**Name of Inventor :**
1)NAKANISHI Yusuke
2)KATSUTA Keiichi
3)NISHINO Takayoshi
4)IMAMOTO Kenji
5)SANJO Kazuhiro

(57) Abstract :
In a signaling system to ensure the safety of train running, by circulating, using wireless, a protection telegram message containing the occupation right information about a running track, among on-board devices of trains and switch devices in order, there is a probability that the occupation right information shared among the on-board devices and the switch devices cannot be updated and the function as the signaling system halts, when the protection telegram message is lost. When the protection telegram message is not received in a prescribed time, a recovery telegram message is circulated, and thereby, the information in the protection telegram message before the loss is restored. Then, based on the information, a protection telegram message is newly issued to be circulated.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2733/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :23/09/2014
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOTORCYCLE WITH TURBOCHARGER

(51) International classification	:F02B 61/02	(71)**Name of Applicant :** **1)Suzuki Motor Corporation** Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(31) Priority Document No	:2013-215690	
(32) Priority Date	:16/10/2013	(72)**Name of Inventor :** **1)INAYAMA, Yoshisato** **2)OTANI, Shinya**
(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	

(57) Abstract :
An engine; an air cleaner which filtrates fuel air; a turbocharger which compresses intake fuel air; an intake pipe which connects the air cleaner and the turbocharger; and an intake passage which induces the fuel air taken from an intake port at an end part to the air cleaner, are included. The turbocharger is located at a front side lower part of the engine, and the air cleaner is located under a crankcase. The intake passage extends rearward from a rear part of the air cleaner, and thereafter, bends upward.

No. of Pages : 76 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2014

(21) Application No.2821/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WINDING DEVICE AND YARN WINDING MACHINE INCLUDING THE SAME

(51) International classification	:B65H 51/20
(31) Priority Document No	:2013-215452
(32) Priority Date	:16/10/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MURATA MACHINERY, LTD.
Address of Applicant :3 Minami Ochiai-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan
(72)**Name of Inventor :**
1)SHIGEYAMA Masazumi
2)YAMADA Shuji
3)SAWADA Harutoshi

(57) Abstract :
A winding device 13 includes a package holding section 71 adapted to rotatably hold a package 45 around which a yarn 10 is wound, a switching mechanism 80 adapted to move the package holding section 71 from a winding position, which is a position where the package holding 10 section 71 is located when the yarn 10 is wound around the package 45, to a receded position, which is a position located away from the winding position, and a control section 30 adapted to operate the switching mechanism 80 after the switching mechanism 80 has moved the package holding section 71fromthe rececedpositiontothe winding position.

No. of Pages : 46 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2014

(21) Application No.2614/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TISSUE FIXATION SYSTEM WITH AUXILIARY PLATE

(51) International classification :a61f
(31) Priority Document No :14/039,494
(32) Priority Date :27/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEPUY MITEK, LLC
Address of Applicant :325 Paramount Drive, Raynham, MA 02767, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)DAVID B. SPENCINER

(57) Abstract :
A tissue fixation system provides a primary fixation plate with a depending graft retention loop and a longer auxiliary fixation plate which fits to the primary fixation plate via upwardly projecting pegs which fit into suture holes in the primary fixation plate. The system has particular utility in cortical fixation procedures in which a graft channel is over-drilled and a longer fixation plate is indicated.

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.2685/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD TO EXTEND SHELF LIFE OF CURD

(51) International classification :A23C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)Director General, Defence Research and Development Organization
Address of Applicant :Ministry of Defence, Govt. of India, Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi 110011 India
(72)**Name of Inventor :**
1)JAYAPRAHASH, Chellappa
2)NANDANSABAPATHY, Shanmugam
3)KUMAR, Ranganathan
4)LAKSHMANA, Javooru Hanumanthappa
5)KUMARASWAMY, Mysore Raja

(57) Abstract :
The present invention provides a method for extending shelf life of curd having steps of homogenizing freshly prepared curd from milk, subjecting the homogenized curd Pulse Electricity Field (PEF) processing, packing the PEF treated curd in pouches made of multilayer flexible packaging materials, permitting the packed curd to remain in water bath, and cooling the packed curd. The present invention provides a very efficient and cost effective method to increase shelf life of curd, which drastically reduces the wastage of curd and adds value to the same.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014

(21) Application No.2686/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SEAL ARRANGEMENT

(51) International classification :f01D
(31) Priority Document No :EP13189280
(32) Priority Date :18/10/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Siemens Aktiengesellschaft
Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen, GERMANY
(72)**Name of Inventor :**
1)Bell Ralf
2)Ber Isabell
3)Gaio Giuseppe
4)Heinze Raimund
5)Legenbauer Markus
6)Razowski Damian
7)Riedel Thomas
8)Ruda Stanislaw
9)Ziwes Ralf

(57) Abstract :
A seal arrangement (15; 26; 43; 50) for sealing an annular gap (14) between a high-pressure steam space (12) and an adjacent low-pressure steam space (13), which gap is defined between two turbine casings (10, 11) in each case split into two casing halves, wherein the seal arrangement (15; 26; 43; 50) has a seal element (24; 47; 58) which is formed in a segmented and annular manner and, in the intended state, extends between the two turbine casings (10, 11) and engages in an annular receiving groove (9, 23; 30, 34; 49; 54) by means of at least one of its radial end regions, wherein the seal arrangement (15; 26; 43; 50) has at least one segmented ring (16, 20; 27, 31; 44; 51; 55) whose first circumferential surface (17, 21; 28, 32; 45; 52, 56) is, in the intended state, releasably attached to one of the turbine casings (10, 11) in the region of the annular gap (14), and whose opposite second circumferential surface (18, 22; 29, 33; 46; 53, 57) is provided either with the annular receiving groove (9, 23; 30, 34; 54) or, in a one-piece form, with the radially projecting annular seal element (47; 58).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014

(21) Application No.2687/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SEPARATOR DEVICE WITH FUEL GAUGE

(51) International classification :H01M
(31) Priority Document No :2013-208549
(32) Priority Date :03/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)SHIMOMURA, Hiroshi

(57) Abstract :
A separator device has: a fuel gauge for measuring a remaining amount of a fuel in a fuel tank; and a first cover in which a gas/liquid separation chamber preventing the fuel in liquid form from flowing into a canister is formed, and is attached to a bearing surface provided on an upper surface of the fuel tank and having an opening communicating with an inner part of the fuel tank. The separator device further has a plate member having a vent hole allowing passage of fuel vapor and attached to the bearing surface. The fuel gauge is disposed on a lower surface of the plate member and the first cover is disposed on an upper surface of the plate member, and an inner part of the gas/liquid separation chamber and the inner part of the fuel tank communicate with each other via the vent hole.

No. of Pages : 52 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/10/2014

(21) Application No.2840/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NITRILE RUBBERS HAVING LOW EMISSION VALUES

(51) International classification :C08L
(31) Priority Document No :13290246.1
(32) Priority Date :14/10/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LANXESS DEUTSCHLAND GMBH
Address of Applicant :Kennedyplatz 1 D-50569 Kln, GERMANY
(72)**Name of Inventor :**
1)SVEN BRANDAU
2)ANDREAS KAISER
3)HANS MAGG
4)UWE WESTEPPE

(57) Abstract :
An improved polymerization process using a specific molecular weight regulator makes it possible to produce new nitrile rubbers featuring particularly low emission values and giving vulcanizates which have an advantageous profile of properties and which are of outstanding quality, in particular in odour-sensitive applications.

No. of Pages : 36 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2014

(21) Application No.2746/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HEADREST HOLDER, HEADREST SUPPORT STRUCTURE AND VEHICLE SEAT

(51) International classification :B60N 2/48
(31) Priority Document No :2013-200172
(32) Priority Date :26/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NHK SPRING CO., LTD.
Address of Applicant :10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004, Japan
2)SUZUKI MOTOR CORPORATION
(72)**Name of Inventor :**
1)Motoyuki IMAI
2)Kensuke NAGAI
3)Makoto HABA
4)Jun KUBOTA
5)Satoru SUZUKI

(57) Abstract :
A headrest holder includes: a holder main body that is formed in a tube shape and that accommodates a headrest stay inside; a deflection tab that is formed at one end side in a length direction of the holder main body and that is capable of flexing deformation in two directions toward inside of the holder main body; and a thickened portion formed at a leading end portion outer face of the deflection tab, the thickened portion anchored to a lower end face of a tube shaped holder support member by undergoing resilient recovery when the holder main body is inserted and passed through the holder support member.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2014

(21) Application No.2747/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VEHICLE SEAT

(51) International classification :B60N
(31) Priority Document No :2013-200367
(32) Priority Date :26/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NHK SPRING CO., LTD.
Address of Applicant :10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004, Japan
2)SUZUKI MOTOR CORPORATION
(72)**Name of Inventor :**
1)Yasunori OKADA
2)Takeshi ONODERA
3)Akihiro SAKURAI
4)Makoto HABA
5)Jun KUBOTA
6)Satoru SUZUKI

(57) Abstract :
A vehicle seat includes a seatback frame; a seat cushion frame to which the seatback frame is tiltably coupled at a rear end portion of the seat cushion frame; a pair of moving rails that are coupled to a lower portion of the seat cushion frame, that extend in a seat front-rear direction, and that are disposed with left-right symmetry with respect to a seat center of the seat; and support rails that are fixed to a vehicle body floor, that extend in the seat front-rear direction, that are disposed with left-right symmetry with respect to the seat center, and that support the moving rails so as to enable sliding movement, wherein first coupling portions between the seatback frame and the seat cushion frame are disposed directly above the support rails in a projection of the first coupling portions and the support rails in the seat front-rear direction.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2014

(21) Application No.2823/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HOVER AIRCRAFT ROTOR COMPRISING A VIBRATION DAMPING DEVICE

(51) International classification	:F01D 25/04
(31) Priority Document No	:13425136.2
(32) Priority Date	:03/10/2013
(33) Name of priority country	:EPO
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)AGUSTAWESTLAND S.p.A.
Address of Applicant :4, Piazza Monte Grappa, ROMA, ITALY
(72)**Name of Inventor :**
1)COLOMBO Attilio

(57) Abstract :
A hover aircraft rotor (3) having a hub (5) which rotates about an axis (A) and has a number of blades (9); a drive shaft (6) connectable to a drive member of the aircraft (1) and connected functionally to the hub (5) to rotate the hub (5) about the axis (A); and 10 damping means (15) for damping vibration transmitted to the shaft (6), and which include a mass (17) designed to oscillate, in use, to oppose transmission to the shaft (6) of vibration generated by rotation of the blades (9); the mass (17) being free to oscillate parallel to 15 the axis (A), to oppose transmission to the shaft (6) of vibration having main components along the axis (A).

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

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

(21) Application No.2902/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SIDE BY SIDE CARTRIDGE ASSEMBLIES AND RELATED METHODS •

(51) International classification :G11B
(31) Priority Document No :61/897,912
(32) Priority Date :31/10/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NORDSON CORPORATION
Address of Applicant :28601 Clemens Road, Westlake, Ohio 44145, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)ERNEST DISIRO
2)DWAYNE J. PULCINE
3)ROBERT W. SPRINGHORN
4)MICHAEL A. VIDAL

(57) Abstract :
A side by side cartridge assembly for dispensing first and second fluid materials includes a first cartridge container and a second cartridge container. The cartridge containers include respective bodies and nozzle members coupled with the bodies. The cartridge containers are positionable with respect to one another such that the two nozzle members cooperate to form a cartridge outlet for dispensing first and second fluid materials from the respective bodies. The cartridge outlet includes dispensing openings communicating with respective nozzle channels, and a sealing surface configured for sealing engagement with a mixing element when a mixing element is attached to the cartridge outlet.

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

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

(21) Application No.2903/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYRINGE FOR ORAL ADMINISTRATION OF A PRODUCT

(51) International classification :A61K
(31) Priority Document No :13 59885
(32) Priority Date :11/10/2013
(33) Name of priority country :France
(86) International Application No :NA
Filing Date :NA
(87) 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)PART IN PHARM
Address of Applicant :3 rue de Gentilly 92120 Montrouge FRANCE
(72)**Name of Inventor :**
1)BERNARD BACRI

(57) Abstract :
The inventive syringe (1) for the oral administration of a product includes a tubular body (3) and a piston (5) slidingly received inside the body (3), said body (3) defining a first receiving chamber (21) for the product, the first chamber (21) including at least one discharge vent (29) for the product. The body (3) further defines a second chamber (22) extending the first chamber (21). The piston (5) is able to cooperate tightly with an inner surface (27) of the first chamber (21) and with play with an inner surface (36) of the second chamber (22).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/09/2014

(21) Application No.2597/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HEAD CONDENSER

(51) International classification :F28F
(31) Priority Document No :13183679.3
(32) Priority Date :10/09/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GEA ECOFLEX GMBH
Address of Applicant :SCHIFFERSTRAE 20-22, 47059 DUISBURG, Germany
(72)**Name of Inventor :**
1)ABKER, GERD
2)MULLER, BERND
3)LENTZ, MARKUS
4)KUX, DIRX

(57) Abstract :
The invention relates to a head condenser having a plate heat exchanger which comprises first and second channels through which media can flow and which, for the first medium (M1), form tubes between individual plates that are connected to each other to form a pair of plates and, for the second medium (2), form waves between pairs of plates that are connected to each other to form a stack of plates, and comprising a condenser housing (3) in which the plate heat exchanger (2) is arranged, wherein the condenser housing (3) provides pressure chambers (4) which extend over the large outer surfaces of the plate heat exchanger (2) and are in fluidic connection with the channels for the first or second medium (M1, M2), wherein the pressure chambers (4) are traversed by fluid lines (5) which are in fluidic connection with the respectively other first or second medium.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014

(21) Application No.2681/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NAIL POLISH COMPOSITIONS

(51) International classification :A61K6/00
(31) Priority Document No :14/050,212
(32) Priority Date :09/10/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XEROX CORPORATION
Address of Applicant :45 Glover Avenue, P.O. Box 4505, Norwalk, Connecticut 06856-4505 U.S.A.
(72)**Name of Inventor :**
1)SACRIPANTE, Guerino G.
2)GOREDEMA, Adela
3)CHOPRA, Naveen
4)ZHOU, Ke
5)BRETON, Marcel P.

(57) Abstract :
Personal care products for maintaining fingernail and toenail appearance. In particular, nail polish compositions that have a formulation that is both safer and more environmentally-friendly to use. The present nail polish compositions comprise anionic polyester resins such as sodio-sulfonated polyesters and sodio-sulfonated co-polyester-co-polysiloxane copolymers as base resin vehicles.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2014

(21) Application No.2758/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OVERHEAD BIN SYSTEM

(51) International classification	:B64D 11/00
(31) Priority Document No	:61/887,316
(32) Priority Date	:04/10/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EMBRAER S.A.
Address of Applicant :Av. Brigadeiro Faria Lima, 2.170, S£o Jos dos Campos - SP - 12227-901, Brazil
(72)**Name of Inventor :**
1)Amauri PAULINO
2)Sergio Luiz Abdalla GOMIDE
3)Gustavo Selofite DE ARRUDA
4)Nilmar Csar FERREIRA
5)Luciano dos Santos RIBEIRO
6)Demtrio Andrade DE CAMPOS
7)Sergio Augusto MEIRELES FILHO
8)Frederico Lara DE OLIVEIRA
9)Douglas Gon§alves DE ALBUQUERQUE
10)Helio ALBINO
11)Andr Duarte STEIN
12)Paul PRIESTMAN
13)Daniel MACINNES

(57) Abstract :
Overhead bin assembly for transport vehicles (e.g., transport category aircraft) are provided with a generally U-shaped bin shell having a bottom wall, an outboard end wall and an upper wall defining an interior stowage space having an inboard opening opposite the end wall. A pair of separated transverse bin supports defining a bin space therebetween may be provided along with a bin door for closing the inboard opening. A cantilever hinge may be provided so as to connect the bin door to the transverse bin support in a cantilever manner to allow for pivotal movement of the bin door between closed and open positions relative to the inboard opening. An arcuate recessed wall may be positioned inboard relative to the upper wall of the bin shell (e.g., as a unitary (one-piece) extension thereof) such that the bin door is received within the recessed wall when in the open position thereof.

No. of Pages : 20 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2014

(21) Application No.2759/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VEHICULAR SEAT

(51) International classification :B62J 6/04
(31) Priority Document No :2013-200109
(32) Priority Date :26/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)IMAI, Motoyuki
2)NAKANE, Hironobu
3)SAKURAI, Akihiro
4)HABA, Makoto
5)KUBOTA, Jun
6)SUZUKI, Satoru

(57) Abstract :
There is provided a vehicular seat. A seat cushion frame has a side frame which is provided at a seat-lower side of an end portion of a seat cushion part in a width direction of the seat along a front and rear direction of the seat. The side frame has an upper end portion which is bent toward an inner side in the width direction of the seat. A seat cushion pad is supported by the seat cushion frame and is arranged so that a rear side part thereof, which is an end portion in the width direction of the seat and is positioned at a seat-rear side, vertically overlaps with the upper end portion. An inner cover is provided between the upper end portion and the rear side part and extends toward the inner side in the width direction of the seat and toward a seat-lower side beyond the upper end portion.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.2931/DEL/2014 A
(43) Publication Date : 26/06/2015

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

(51) International classification :G06K1/00
(31) Priority Document No :2013-227827
(32) Priority Date :01/11/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SEIKO EPSON CORPORATION
Address of Applicant :of 4-1, Nishi-shinjuku 2 chome, Shinjuku-ku, Tokyo 163 0811, Japan
(72)**Name of Inventor :**
1)TAJIMA, SHIGEO
2)NISHIZAWA, KOJI
3)MORI, KEIGO

(57) Abstract :
A print control system 1 has a control server 10 that transmits print data, and a printer 12 that communicates with the control server 10 through an asynchronous duplex communication path, receives print data sent by the control server 10 through the communication path, and prints based on the received data.

No. of Pages : 129 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.2665/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ORAL APPLIANCE, SYSTEM AND METHOD FOR CORRECTING CLASS III PROBLEMS OF MANDIBULAR PROGNATHISM

(51) International classification :A61C7/08
(31) Priority Document No :14/029,175
(32) Priority Date :17/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Ortho-Tain, Inc.
Address of Applicant :950 Green Bay Road, Suite 205, Winnetka, IL 60093, United States of America.
(72)**Name of Inventor :**
1)Earl O. Bergersen

(57) Abstract :
An oral appliance, a system and a method for correcting malocclusions may cause teeth and/or jaws of the patient to move into a corrected position. An upper body and a lower body of the appliance may be connected by a hinge. Lingual protrusions may extend rearward from the anterior portion of the upper body and contact the maxilla of the patient when the appliance is worn. A protrusion may extend from the anterior portion of the lower body forward relative to the mouth and contact the lips and exert a rearward force against the lower teeth.

No. of Pages : 40 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014
(21) Application No.2666/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PLAYBACK SYSTEM FOR SYNCHRONISED SOUNDTRACKS FOR ELECTRONIC MEDIA CONTENT

(51) International classification :G06F17/22
(31) Priority Document No :61/879,317
(32) Priority Date :18/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOOKTRACK HOLDINGS LIMITED
Address of Applicant :28-32 Anzac Street, Level 1, Takapuna, Auckland 0622, New Zealand
(72)**Name of Inventor :**
1)CAMERON, Mark Steven
2)CAMERON, Paul Charles
3)WILSON, Craig Andrew

(57) Abstract :
A method for displaying electronic text and synchronizing the playback of a soundtrack for the electronic text. The soundtrack contains multiple audio regions configured for playback during corresponding text regions of the electronic text. Playback of the audio regions of the soundtrack over an audio output system is based on a reading position counter indicative of the users estimate reading position, and which increments based on a user reading speed variable. The user reading speed variable is updated by processing eye tracking signals from an eye tracker to determine the users reading scan rate.

No. of Pages : 50 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/09/2014

(21) Application No.2753/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GAS TURBINE WITH SEQUENTIAL COMBUSTION ARRANGEMENT

(51) International classification :F02C 6/00
(31) Priority Document No :13186852.3
(32) Priority Date :01/10/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND
(72)**Name of Inventor :**
1)EROGLU, ADNAN
2)HOFFMANN, JUERGEN

(57) Abstract :
The present disclosure refers to a method for operating a gas turbine with sequential combustors comprising a first-burner, a first combustion chamber, and a second combustor arranged sequentially in a fluid flow connection. To minimize emissions and combustion stability problems during transient changes when the fuel flow to a second combustor is initiated the method comprises the steps of increasing the second fuel flow to a minimum flow, and reducing the first fuel flow to the first-burner of the same sequential combustor and/or the fuel flow to at least one other sequential combustor of the sequential combustor arrangement in order keep the total fuel mass flow to the gas turbine substantially constant. Besides the method a gas turbine with a fuel distribution system configured to carry out such a method is disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2012
(21) Application No.3014/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PACKAGE FOR CUSHIONING FOOD PRODUCT

(51) International classification :B65D 75/30
(31) Priority Document No :12/578,929
(32) Priority Date :14/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/064267
Filing Date :27/09/2010
(87) International Publication No :WO 2011/045174
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC S.A.
Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(72)**Name of Inventor :**
1)STRILICH, ERIK M.
2)GOWENS, PATRICK ALBERT
3)COGLEY, PAUL ANDREW

(57) Abstract :
A perishable food package having a semi-rigid or rigid bottom tray (12) and a flexible top portion (14) is provided for storing a perishable food product (44) therein. The food product can be vacuum sealed within a first layer of film, such as an inner film layer, inside the tray. The vacuum sealed food product can be tightly sealed such that any loose food particles can be restrained from moving around during storage and transportation. The tray can then be sealed at an opening by a second layer of film, such as an outer layer. A space filled with gas is present between the first and second layers of film and can aid in conserving the freshness of the food product and minimizing or preventing damage to the product. Additionally, the package can have support features positioned at an exterior of the package that aid in standing the package in an upright position.

No. of Pages : 33 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2012
(21) Application No.3015/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS FOR IDENTIFYING ANIMALS WITH A REDUCED ABILITY TO DIGEST LIPID AND PROTEIN

(51) International classification :G01N 33/50
(31) Priority Document No :61/279,044
(32) Priority Date :15/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/002724
Filing Date :08/10/2010
(87) International Publication No :WO 2011/046595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC S.A.
Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(72)**Name of Inventor :**
1)CUPP, CAROLYN, JEAN
2)PATIL, AVINASH

(57) Abstract :
The invention provides methods for identifying animals with a reduced ability to digest fat or protein by determining various blood and physical factors for the animals and comparing the determined values to standard values that are indicative of a reduced ability to digest fat and protein.

No. of Pages : 16 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.241/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTAKE AIR TEMPERATURE SENSOR AND THERMAL AIRFOW METER INCLUDING THE SAME

(51) International classification	:B64D
(31) Priority Document No	:2011-017381
(32) Priority Date	:31/01/2011
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HITACHI AUTOMOTIVE SYSTEMS, LTD.
Address of Applicant :2520 TAKABA, HITACHINAKA-SHI, IBARAKI 312-8503 Japan
(72)**Name of Inventor :**
1)MATSUMOTO MASAHIRO
2)NAKANO HIROSHI
3)HANZAWA KEIJI
4)ASANO SATOSHI

(57) Abstract :
An intake air temperature sensor capable of detecting an intake air temperature highly accurately and at high speed. The intake air temperature sensor of the present invention includes: a secondary passage 7 taking in an intake airflow; a flow rate detecting element 13 disposed in the secondary passage 7; an intake air temperature detecting element 4 provided outside the secondary passage; a temperature sensor 9 detecting a temperature of a fitting section of the intake air temperature detecting element 4; a circuit board 11 disposed in a casing; and an integrated circuit 10 applying a correction process to an output of the intake air temperature detecting element 4 on the basis of signals output from the temperature sensor 9 and a flow rate detecting element 13.

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

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

(21) Application No.2634/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD OF OPERATING A POWER PLANT HAVING A PLURALITY OF POWER GENERATORS

(51) International classification :g05b
(31) Priority Document No :10/876,431
(32) Priority Date :25/06/2004
(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 :1655/DEL/2005
Filed on :27/06/2005

(71)**Name of Applicant :**
1)EMERSON PROCESS MANAGEMENT POWER & WATER SOLUTIONS, INC.
Address of Applicant :Of 200 Beta Drive, Pittsburgh, Pennsylvania 15238, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)FREDERICK C. HUFF
2)XU CHENG
3)PETER N. FRANCINO

(57) Abstract :
A method of operating a power plant having a plurality of power generators, the method comprising receiving a load demand specifying (1) real power to be produced by the power plant and (2) reactive power to be produced by the power plant determining an objective function of the power plant specifying an operating condition of the power plant as a function of (1) the real power to be produced by the power plant and (2) reactive power to be produced by the power plant and determining an optimal value of the objective function.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/09/2013

(21) Application No.2709/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AUTOMATED FLUID HANDLING SYSTEM

(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)GE HEALTHCARE BIO-SCIENCES AB
Address of Applicant :Patent Department, Bjorkgatan 30, S-751 84 Uppsala, Sweden
(72)**Name of Inventor :**
1)ANOOP BHARGAV
2)NABI RASOOL BABU
3)J. SRINIVASAN

(57) Abstract :
Automated fluid handling system comprising a controller arranged to control the operation of the fluid handling system in accordance with a predefined or user-defined operation process, the fluid handling system comprising a power source input for connection to an external power source, the fluid handling system comprising a back-up power source arranged to supply back-up power to the controller, wherein the controller is arranged to monitor the power source input and -in response to a detected power shortage initialize suspend mode of operation powered by the back-up power source, and during suspend mode saving information relating to status of the operation process at the time of power shortage -in response to a detected power up initialize a boot procedure comprising a verification if the boot procedure is initialized following a suspend mode or not: -if the boot procedure is not initialized following a suspend mode, then proceed according to normal boot procedure to enable start of a new operation process, and -if the boot procedure is initialized following a suspend mode, then perform a second verification based on the saved information to determine if the suspended operation process may be resumed or not.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2014

(21) Application No.3121/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TRIAZINE DERIVATIVES AS DIFFERENTIATION ACCELERATORS

(51) International classification :C07D251/02,C12N5/00
(31) Priority Document No :A 1364/2011
(32) Priority Date :21/09/2011
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2012/050140
Filing Date :21/09/2012
(87) International Publication No :WO 2013/040622
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TECHNISCHE UNIVERSIT„T WIEN
Address of Applicant :Karlsplatz 13 A 1040 Wien Austria
2)MEDIZINISCHE UNIVERSIT„T WIEN
(72)**Name of Inventor :**
1)MIHOVILOVIC Marko
2)SCHNRCH Michael
3)HILBER Karlheinz
4)K–NIG Xaver
5)LINDER Thomas
6)MIKE Agnes

(57) Abstract :
The invention relates to the use of a Compound of the following formula (I), for triggering the differentiation of mammalian cells from cardiomyocyte-like cells, the X being, independently, -NR4- or -0-, R4 being hydrogen or Ci-6-alkyl; Ri being hydroxy, Ci-6-alkyl, Ci-6-alkoxy, carboxy, Ci-6-alkoxycarbonyl, halogen, cyano, nitro, formyl, amino, C-i-6-alkylamino or Di-Ci -6- alkylamino which, if necessary, are further substituted with one or more R5 substituents selected from hydroxy, halogen, cyano and nitro; n equalling 0 to 5; R2 being hydrogen, aryl, lieteroaryl or Ci-6-alkyl, an aryl- or lieteroaryl group being further substituted, if necessary, with one or more R6 substituents, the same options applying for R6 as for Ri, and one Ci-6-alkyl group being further substituted, if necessary, with one or more R5 substituents; R3 being hydrogen, halogen, NR4R7, OR7, SR7 or R7, and the same options applying for R7 as for R2; with the proviso that this Compound of formula (I) is not 3-[(4,6-diphenoxy-l,3,5-triazin-2- yl)amino]benzoic acid.

No. of Pages : 64 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.2659/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BUTTERFLY VALVE ARRANGEMENT

(51) International classification :F16K1/226
(31) Priority Document No :13184759.2
(32) Priority Date :17/09/2013
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSTOM TECHNOLOGY LTD
Address of Applicant :BROWN BOVERI STRASSE 7, 5400 BADEN, SWITZERLAND
(72)**Name of Inventor :**
1)OPSITCH, ANTONIN

(57) Abstract :
A butterfly valve with a housing having a bypass passage (14) located within the housing (10) of the valve. The passage (14) extends from the normal flow path (12) through the valve, either side of the butterfly valve plate (20) so as to provide an alternative flow path. A cavity (16) is located between distal ends of the passage. A valve head (30), located in the cavity (16) is configured and arranged to be movable within the cavity (16) between a closed position in which, the distal ends of the passage (14) are fluidly disconnected through the passage (14) and an open position in which the distal ends of the passage (14) are fluidly connected through the passage (14).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2014

(21) Application No.2741/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLUSH TOILET •

(51) International classification :E03D 5/08
(31) Priority Document No :2013-205290
(32) Priority Date :30/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOTO LTD.
Address of Applicant :1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 8028601, Japan
(72)**Name of Inventor :**
1)MAYU OKUBO
2)SHINICHI URATA
3)KEISUKE OKADA

(57) Abstract :
The present invention relates to a flush toilet (1), comprising: a toilet bowl (12) having a waste receiving surface (16); a rim (18) formed on the top edge of the bowl and having a rim flow channel (26) formed along the bowl top edge in the interior thereof; a rim spouting opening (28) for spouting the flush water forwardly to form a swirl flow which travels in a swirling manner on the waste receiving surface; a trap conduit (14) for causing the waste in the bowl to pass therethrough for disposal; the waste receiving surface of the bowl including an upper waste receiving surface portion (2) and a recessed well portion (22) situated between the upper waste receiving surface portion and the trap conduit; the upper waste receiving surface portion including opposite side regions (C, D) and a front region (A) and configured such that the opposite side regions and the front region cooperate to form a main flush water stream which flows into the recessed well portion from a diagonal forward of the toilet bowl along a plan view; the recessed well portion including a vertical swirl forming device (22, 34, 36a) having a convergent configuration along the plan view for causing the main flush water stream to swirl vertically and then flow into the recessed well portion.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.2920/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS OF SCREEN IRONING

(51) International classification :B32B37/00
(31) Priority Document No :1303001310
(32) Priority Date :14/10/2013
(33) Name of priority country :Thailand
(86) International Application No :NA
Filing Date :NA
(87) 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)HEYM, Thomas
Address of Applicant :67/651 Moo 4, Tatumnak Sub-district, Nakhon Chaisi District, Nakhon Pathom Province, 73120, Thailand.
(72)**Name of Inventor :**
1)HEYM, Thomas

(57) Abstract :
The Methods of Screen Ironing consists of several steps which are the 1st step, being laid a used screen or screen with creases or wrinkles between two rollers (1), (2) and spinning the screen; the 2nd step, during rolling the screen, pressing a stretched screen with a blade (3) 5 between the two rollers (1), (2) and the 3rd step, continuously rolling the screen through the rollers (1), (2) and the blade (3) until creases or wrinkles is reduced and the screen can be properly reused;

No. of Pages : 7 No. of Claims : 1

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

(21) Application No.3201/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LAMINATED GLASS FOR USE IN VEHICLES OR IN ARCHITECTURE

(51) International classification :B32B17/10
(31) Priority Document No :20 2011 109 312.7
(32) Priority Date :15/12/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2012/001206
Filing Date :13/12/2012
(87) International Publication No :WO 2013/087064
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOUTHWALL TECHNOLOGIES INC.
Address of Applicant :3788 Fabian Way Palo Alto California 94303 U.S.A.
(72)**Name of Inventor :**
1)THIELSCH Roland

(57) Abstract :
The invention relates to a laminated glass for use in vehicles or in architecture, having a selective reflection of electromagnetic radiation from the wavelength spectrum of sunlight. According to the invention, an optical multi-layer System having a total solar transmission TTS < 40%, a transmission Tvis in the wavelength range of visible light > 70 % and a reflection Rvis in the wavelength range of visible light < 12 % is present on said laminated glass. For reflection upon vertical light incidence, it has a reflection colour according to ASTM 308 (illumination source D65 and Standard observer 10°) within a colour space that is limited by the values Ra from -5 to 5 and Rb from -25 to -40. Alone or in addition, the laminated glass has a reflection colour according to ASTM 308 for transmission and reflection upon vertical light incidence within a colour space (colour box) that is limited by the values Ra from -5 to 5 and Rb from -25 to -40.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.2664/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TIRE CURING PRESS

(51) International classification :B29c
(31) Priority Document No :14/028,800
(32) Priority Date :17/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MCNEIL & NRM, INC.
Address of Applicant :96 EAST CROSIER STREET, AKRON, OHIO 44311, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)SINGH, ANAND PAL
2)ROBERTS, MILES STAFFORD

(57) Abstract :
A tire curing press for curing vulcanized tires includes an upper cavity part and a base that at least partially forms the lower cavity part. A movable platen is supported by the base that supports a tire mold section received within the upper cavity part. In various examples, an outer riser column is secured to the base and extends vertically upwards from the base to support the upper cavity part, a multi-height lock ring is disposed upon the base and is configured to interface with an annular flange of the upper cavity part via a bayonet connection, first and second cylinders are configured to apply a substantially equal squeeze pressure to the movable platen to thereby establish a final tire curing pressure within the press cavity, and/or a lock plate is carried by the upper cavity part and includes a locking surface for selective engagement with an abutment shoulder.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/10/2014

(21) Application No.2833/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SECONDARY BATTERY

(51) International classification :H01M
(31) Priority Document No :10-2013-0119633
(32) Priority Date :08/10/2013
(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

(71)**Name of Applicant :**
1)SAMSUNG SDI CO., LTD.
Address of Applicant :150-20, Gongse-ro, Giheung-gu, Yongin-si, Gyeonggi -do, Republic of Korea
(72)**Name of Inventor :**
1)HYUN-CHUL KIM
2)HYUN SOH

(57) Abstract :
A secondary battery includes an electrode assembly, a battery case, and a cap assembly. The electrode assembly includes first and second electrodes. The battery case accommodates the electrode assembly therein and has an opened surface. The cap assembly seals the battery case and includes first and second terminal portions coupled to the respective first and second electrodes. In the secondary battery, at least one of the first and second terminal portions is coupled to a variable member including a plurality of variable plates. Accordingly, the path and resistance of current may be varied in the secondary battery, so that it is possible to reduce or prevent generation of heat caused by overcurrent. Thus, it may be possible to reduce or prevent an explosion and fire of the battery, thereby improving the safety of the battery.

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014
(21) Application No.3307/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTERNAL CONVECTION CELL

(51) International classification :H01M8/22
(31) Priority Document No :61/555982
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062503
Filing Date :30/10/2012
(87) International Publication No :WO 2013/066829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FLUIDIC INC.
Address of Applicant :8455 North 90th Street Suite 4 Scottsdale Arizona 85258 U.S.A.
(72)**Name of Inventor :**
1)FRIESEN Cody A.
2)KRISHNAN Ramkumar
3)FRIESEN Grant
4)HAYES Joel

(57) Abstract :
An electrochemical cell includes a permeable fuel electrode configured to support a metal fuel thereon and an oxidant reduction electrode spaced from the fuel electrode. An ionically conductive medium is provided for conducting ions between the fuel and oxidant reduction electrodes to support electrochemical reactions at the fuel and oxidant reduction electrodes. A charging electrode is also included selected from the group consisting of (a) the oxidant reduction electrode (b) a separate charging electrode spaced from the fuel and oxidant reduction electrodes and (c) a portion of the permeable fuel electrode. The charging electrode is configured to evolve gaseous oxygen bubbles that generate a flow of the ionically conductive medium. One or more flow diverters are also provided in the electrochemical cell and configured to direct the flow of the ionically conductive medium at least partially through the permeable fuel electrode.

No. of Pages : 62 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3308/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS RADIO BASE STATION AND RADIO NETWORK CONTROLLER

(51) International classification :H04L1/16,H04L1/18
(31) Priority Document No :61/558174
(32) Priority Date :10/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2012/051218
Filing Date :08/11/2012
(87) International Publication No :WO 2013/070162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :SE 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)R • CZ S¡ndor
2)N • DAS Szilveszter

(57) Abstract :
It is presented a method performed in a first radio base station RBS in communication with a radio network controller RNC. The RNC is configured for multi flow HSDPA High Speed Downlink Packet Access operation and packet data units PDUs are communicated toward a user equipment UE node via the first RBS and at least one second RBS. The method comprises: detecting PDU drop events and/or loss events; and communicating information from the RBS to the RNC notifying of each detected PDU drop event and/or loss event. A corresponding RBS and RNC are also presented.

No. of Pages : 35 No. of Claims : 25

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

(21) Application No.2830/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FIBER COUPLING EFFICIENCY OF DIODE LASERS

(51) International classification :G02B 6/42
(31) Priority Document No :61/886,696
(32) Priority Date :04/10/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAE SYSTEMS Information & Electronic Systems Integration Inc.
Address of Applicant :P.O. Box 868 NHQ1-719 Nashua, NH 03061-0868 U.S.A.
(72)**Name of Inventor :**
1)Johnson, Benjamin R.
2)Creeden, Daniel J.

(57) Abstract :
A system and method for increasing the fiber coupling efficiency of diode lasers is disclosed. The diode laser has a diode pump source for generating a force to pump a laser and a double clad fiber directly coupled to the diode pump source instead of coupling to the multimode fiber. The pumped laser is transmitted directly through the double clad fiber thereby increasing the coupling efficiency of the diode pump source. At least one connector is utilized for connecting the double clad fiber and the diode pump source. The connector has at least one adhesive placed in contact with an acrylate coating and not in contact with a glass cladding of the double clad fiber to avoid cladding stripper and fiber splice thereby increasing the fiber coupling efficiency.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.2916/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLEXIBLE SAFETY CAP FOR ACCOMMODATING SHAFTS OF DIFFERENT DIAMETERS

(51) International classification :B65D59/06
(31) Priority Document No :10 2013 017 140.7
(32) Priority Date :16/10/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROSE PLASTIC AG
Address of Applicant :Rupolzer Str. 53, 88138 Hergensweiler, GERMANY
(72)**Name of Inventor :**
1)PETER ROESLER

(57) Abstract :
Flexible safety cap (1) for accommodating at least one tool (13, 14) or at least one object having different diameters or different geometries, said cap having a terminating front wall (10) and an opposing clamping opening (8, 8) with at least one acting clamping profile (5, 5, 5, 5, 5), wherein a clamping connection can be established between an outside circumference of the tool (13, 14) or of the object and an inside wall of the safety cap (1), wherein the clamping profile (5, 5, 5, 5, 5) is designed to be non-round and at least one slot (9) penetrating through the wall of the safety cap (1) is disposed in the vicinity of the front wall (10).

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3305/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SPL16 COMPOSITIONS AND METHODS TO INCREASE AGRONOMIC PERFORMANCE OF PLANTS

(51) International classification :C12N15/29,C12N15/82,C12N15/63
(31) Priority Document No :201110294864.5
(32) Priority Date :30/09/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/081597
Filing Date :19/09/2012
(87) International Publication No :WO 2013/044742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INSTITUTE OF GENETICS AND DEVELOPMENTAL BIOLOGYCHINESE ACADEMY OF SCIENCES
Address of Applicant :No. 1 West Beichen Road Chaoyang District Beijing 100101 China
(72)**Name of Inventor :**
1)FU Xiangdong
2)WANG Shaokui
3)WU Kun
4)ZHANG Guiquan
5)ZENG Ruizhen

(57) Abstract :
Methods and compositions that affect grain shape width and yield in rice are disclosed. Methods of transgenic modulation and marker assisted breeding methods improve grain length to width ratio and grain yield in rice. Down regulation of OsSPL16 in rice resulted in increased grain quality.

No. of Pages : 78 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/04/2012

(21) Application No.3306/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COATED LIGHT FABRIC, IN PARTICULAR FOR A FLIGHT SAIL

(51) International classification :D06N 3/14
(31) Priority Document No :09 56929
(32) Priority Date :05/10/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/052094
Filing Date :05/10/2010
(87) International Publication No :WO 2011/042653
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PORCHER INDUSTRIES
Address of Applicant :38300 BADINIERES, FRANCE
(72)**Name of Inventor :**
1)STEPHANE VERAN

(57) Abstract :
The invention relates to a light fabric consisting of continuous warp yarms and weft yarns, said fabric being coated on one or both of the surfaces thereof with a polyurethane, in which the bare fabric has a coverage rate TC of 1.8 to 4, preferably 2.6 to 3.2, the polyurethane is made of polyether and polycarbonate with a tensile stress at 100% elongation of less than or equal to 5 MPa, the impregnation rate is greater than or equal to 10 wt %, preferably 12 to 30 wt %, more preferably 15 to 25 wt %, and the fabric has a weight, including the coating, of 25 to 40 g/m2. The invention also relates to a method for manufacturing such a fabric. The invention can be used in particular for flight sails, in particular paragliders.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3306/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DENTAL APPARATUS FOR TREATING MALOCCLUSION

(51) International classification :A61C7/36
(31) Priority Document No :11 59803
(32) Priority Date :28/10/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/052414
Filing Date :22/10/2012
(87) International Publication No :WO 2013/060973
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)REMOX SA
Address of Applicant :38 Avenue du X Septembre L 2550 Luxembourg
(72)**Name of Inventor :**
1)DESOUCHES Renaud

(57) Abstract :
Device for activating mandibular growth maxillary growth and mandibular advancement said device comprising: a first rod (3) with a front end (9) and a rear end (10); a second rod (4) with a front end (11) and a rear end (12); said first (3) and second (4) rods being relatively rigid and having mutually different lengths; a first pivoting articulation (6) for connecting the front end (9) of the first rod (3) to a first dental arch of a person; a second pivoting articulation (8) for connecting the front end of the second rod (4) to the second dental arch of the person; a third pivoting articulation (7) interconnecting the rear ends (10, 12) of the rods (3, 4) and allowing the device to change from an open position to a closed position and thus follow the movement of opening and closing of the jaws characterized in that said third pivoting articulation (7) is able to be connected to the dental arch carrying the shortest rod with the aid of elastic means (5) returning the device to the closed position in such a way that said rods are able to induce a movement of the mandibular arch relative to the maxillary arch in the closed position of the jaws.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.2492/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PRESSURIZED LOW POLARITY WATER EXTRACTION APPARATUS AND METHODS OF USE

(51) International classification	:C07B 63/00
(31) Priority Document No	:2,836,200
(32) Priority Date	:06/12/2013
(33) Name of priority country	:Canada
(86) International Application No	:NA
Filing Date	:NA
(87) 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)MAZZA INNOVATION, LTD.
Address of Applicant :14014 Hwy 97, Summerland, BC, V2A 8A6 Canada
(72)**Name of Inventor :**
1)MAZZA, Giuseppe
2)PRONYK, Carl

(57) Abstract :
An apparatus for extraction and recovery of components from biomass feedstocks with pressurized low polarity water. The apparatus is configured with two or more reaction columns, each separately communicating with sources of pressurized water, pressurized heated water, and pressurized cooling water. Components are extracted from the biomass by separately flooding the column with pressurized water, heating the column and its contents to the point where the water becomes pressurized low polarity (PLP) water, recovering the PLP water comprising the extracted components, cooling the column with PLP water, and removing the spent biomass material from the column.

No. of Pages : 86 No. of Claims : 15

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

(21) Application No.2717/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VEHICLE DRIVING MODE DISPLAY DEVICE AND PROGRAM FOR DISPLAYING VEHICLE DRIVING MODE

(51) International classification	:B60W 10/08
(31) Priority Document No	:2013-196446
(32) Priority Date	:24/09/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HORIBA, Ltd.
Address of Applicant :2, Miyanohigashi-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8510, Japan
(72)**Name of Inventor :**
1)OKADA, Jungo
2)GOTO, Kenichi
3)ASADA, Hikaru
4)SASAKI, Tetsuo

(57) Abstract :
A vehicle driving mode display device (2) judges whether or not a following first condition or a following second condition is satisfied in a case that a vehicle is driven within a tolerance range (H), and if satisfied, issues a warning. The first condition: in a case that a difference between a standard speed indicated by the running speed pattern (S) and the vehicle speed is gradually widened as time elapses. The second condition: in a case that the vehicle speeds exceeds the tolerance range (H) within a predetermined allowable time period when acceleration at the moment is presumed to be kept.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2014

(21) Application No.2795/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HANDLE SWITCH DEVICE

(51) International classification :B62J 6/16
(31) Priority Document No :2013-208164
(32) Priority Date :03/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)GONDO, Yuki

(57) Abstract :
There is provided a handle switch device provided at a position adjacent to a grip part at an end portion of a handle and provided with a control device for controlling an operation of a predetermined vehicle-mounted device by an operation of a passenger. The control device includes a touch pad having an operation surface that the passenger touches upon the operation, a touch sensor for detecting a touch of the passenger to the operation surface and a computing device for performing an operation determination based on an output of the touch sensor. The operation surface is formed as a continuous surface that can be touched by the passenger through a drag operation. The touch sensor can detect the touch to the operation surface at least by the drag operation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2014

(21) Application No.2796/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : REINFORCED HOLLOW FOR A WIND TURBINE TOWER

(51) International classification :E04H 12/34
(31) Priority Document No :ES201300989
(32) Priority Date :18/10/2013
(33) Name of priority country :Spain
(86) International Application No :NA
Filing Date :NA
(87) 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)GAMESA INNOVATION & TECHNOLOGY, S.L.
Address of Applicant :Avenida Ciudad de la Innovaci³n, 9-11, 31621 Sarriguren (Navarra) Spain.
(72)**Name of Inventor :**
1)UNANUA HERMOSO DE MENDOZA, Pablo

(57) Abstract :
Reinforced hollow for a wind turbine tower comprising a lower ring (2) that determines an opening (3) for the installation of an access door (not represented) inside the tower (1). The hollow incorporates at least one structural element (4) that is fastened on both sides of the opening (3) of the towers lower ring (2), providing the rigidness necessary to attach a door and permit the reduction of the thickness of the ring by 10-20%.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2014
(21) Application No.3357/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GLUCOSYL STEVIA COMPOSITION

(51) International classification :A61K36/00
(31) Priority Document No :61/548818
(32) Priority Date :19/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052659
Filing Date :28/08/2012
(87) International Publication No :WO 2013/058870
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PURECIRCLE USA INC.
Address of Applicant :915 Harger Road Suite 250 Oak Brook IL 60523 1492 U.S.A.
(72)**Name of Inventor :**
1)MARKOSYAN Avetik

(57) Abstract :
Glucosyl stevia compositions are prepared from steviol glycosides of Stevia rebaudiana Bertom. The glucosylation was performed by cyclodextrin glucanotransferase using the starch as source of glucose residues. The compositions mainly comprise glucosyl derivatives with superior taste characteristics and can be used as sweetness enhancers, flavor enhancers and sweeteners in foods, beverages, cosmetics and pharmaceuticals.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/10/2013

(21) Application No.3098/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SEALANT COMPOSITION, AN ADHESIVE COMPOSITION AND ITS COMBINATION, METHODS THEREOF

(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 :**
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION
Address of Applicant :Ministry of Defence, Government of India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New Delhi-110015, India.
(72)**Name of Inventor :**
1)NORI KRISHNAMURTI
2)KAMMILI RAMBABU
3)INDER MOHAN CHHABRA
4)MAHENDER KUMAR GUPTA
5)GANGALAKURTI LAXMINARAYANA

(57) Abstract :
The present disclosure relates to organic polymer based sealant composition and adhesive composition and combination thereof, comprising urethane acrylate oligomer and other acrylates which can perform up to 250°C exposed for 4 to 8 hours and also act as leak proof sealant at this temperature. Such compositions and combination of the compositions are very useful specifically to adhere and seal optical glass mirrors and components used in gyroscope and other electro-optical applications or vacuum based applications.

No. of Pages : 27 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3292/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HOLOGRAPHIC MEDIUM HAVING A PROTECTIVE LAYER

(51) International classification :G11B7/24,G11B7/254,G11B7/2542
(31) Priority Document No :11191190.5
(32) Priority Date :29/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/073551
Filing Date :26/11/2012
(87) International Publication No :WO 2013/079422
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany
(72)**Name of Inventor :**
1)WEISER Marc Stephan
2)HENTSCHEL Daniel
3)PETZOLDT Joachim
4)NAZARAN Pantea
5)D–RR Sebastian
6)DIJKSTRA Dirk
7)FLEMM Ute
8)H–NEL Dennis
9)BRUDER Friedrich Karl
10)F„CKE Thomas
11)R–LLE Thomas

(57) Abstract :
The invention relates to a holographic medium comprising a protective layer and a photopolymer film connected to the protective layer said photopolymer film containing polyurethane matrix polymers acrylate writing monomers and photoinitiators wherein the protective layer is impermeable to the constituents of the photopolymer film optically clear and transparent to electromagnetic radiation having a wavelength in the range of 350 to 800 nm. The invention further relates to the use of a holographic medium according to the invention to produce holograms and to a method for producing a holographic medium according to the invention.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3294/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ADHESIVE TAPE PACKAGE PRODUCTION METHOD

(51) International classification :C09J7/02,A61F13/02,B65B11/10
(31) Priority Document No :2011233069
(32) Priority Date :24/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/077321
Filing Date :23/10/2012
(87) International Publication No :WO 2013/061951
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HISAMITSU PHARMACEUTICAL CO. INC.
Address of Applicant :408 Tashirodaikan machi Tosu shi Saga 8410017 Japan
(72)**Name of Inventor :**
1)MIYACHIKA Takafumi
2)TAKADA Kiyotaka

(57) Abstract :
The purpose of the present invention is to provide an adhesive tape package production method that is suitable for mass production. This production method is one for producing an adhesive tape package (10) for housing adhesive tape (14) that has a support body (18) and an adhesive layer (12) disposed on one surface of the support body (18) the adhesive tape package comprising a removable sheet (16) to which the adhesive layer of the adhesive tape is removably adhered. This method involves: attaching the adhesive tape (14) to a removable sheet substrate (116) folding the adhesive tape (14) in half then subjecting one removable sheet substrate (116) to a plurality of heat seals and temporary adhesive tape (14) adhesions and cutting the removable sheet substrate (116).

No. of Pages : 66 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3295/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PYRIDINE SULFOXIMINES AS TYROSINE KINASE INHIBITORS

(51) International classification :C07D213/82,C07D241/24,C07D405/12
(31) Priority Document No :13/277842
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060749
Filing Date :18/10/2012
(87) International Publication No :WO 2013/062843
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALLERGAN INC.
Address of Applicant :2525 Dupont Drive Irvine California 92612 U.S.A.
(72)**Name of Inventor :**
1)BORAL Sougato
2)WANG Shimiao
3)WURSTER Julie A.

(57) Abstract :
The present invention relates to organic molecules of formula (I) capable of modulating tyrosine kinase signal transduction in order to regulate modulate and/or inhibit abnormal cell proliferation.

No. of Pages : 45 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3395/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING HIGH STRENGTH STEEL MATERIAL HAVING EXCELLENT SULFIDE STRESS CRACKING RESISTANCE

(51) International classification :C21D9/08,C21D8/10,C22C38/00
(31) Priority Document No :2012049970
(32) Priority Date :07/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054866
Filing Date :26/02/2013
(87) International Publication No :WO 2013/133076
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)KONDO Keiichi
2)ARAI Yuji

(57) Abstract :
A steel is subjected to [a step of heating to a temperature higher than point Ac 1 and lower than point Ac 3 and then cooling], [a step 01 heating again to a temperature equal to or higher than point Ac 3 and then quenching] and [a step of tempering at a temperature equal to or lower than point Ac 1] in this order, wherein the steel has been worked into a desired shape by a hot process and has a chemical composition containing 0 . 15 to 0.65% of C , 0.05 to 0.5% of Si, 0.1 to 1.5% of Mn, 0.2 to 1.5% of Cr, 0.1 to 2.5% of Mo, 0.005 to 0.50% of Ti, 0.001 to 0.50% of Al, and optionally containing at least one element selected from 0.4% or less of Nb, 0.5% or less of V , 0.01% or less of B , 0.005% or less of Ca, 0.005% or less of Mg and 0.005% or less of REM, with the remainder made up by Fe and impurities, wherein Ni, P , S, N and O are contained in the impurities in amounts of 0.1% or less, 0.04% or less, 0.01% or less, 0.01% or less and 0.01% or less, respectively.

No. of Pages : 45 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/09/2014

(21) Application No.2494/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR DETERMINING AN ACTUAL CYLINDER CYCLE OF A RECIPROCATING PISTON ENGINE

(51) International classification :F04B
(31) Priority Document No :102013223626.3
(32) Priority Date :20/11/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROBERT BOSCH GmbH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)SCHABEL, Achim

(57) Abstract :
The present subject matter relates to a method for determining an actual cycle of cylinder (113) of a reciprocating piston engine (100), which has a crankshaft (110) and a camshaft (120), wherein fuel is conveyed in a fuel line (230) of the reciprocating piston engine (100), from which the fuel is injected in the cylinder (113) of the reciprocating piston engine (100), a pressure gradient (420) of a pressure is detected by fuel in the fuel line (230), a twisting of the crankshaft (100) is detected by a crankshaft wheel sensor (118) and a crankshaft signal is generated, and from the pressure gradient (420), the fuel is inferred in the fuel line (230) and the crankshaft signal of the actual cycle of the cylinder (113)..

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

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

(21) Application No.300/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A DEVICE FOR FEEDING PARELLOPIPED SHAPED PRODUCTS

(51) International classification :B65G35/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RAJESH KHOSLA
Address of Applicant :KHOSLA PRECISIONS 93, INDUSTRIAL AREA, PHASE 1, PANCHKULA-134108, HARYANA India
(72)**Name of Inventor :**
1)RAJESH KHOSLA

(57) Abstract :
This invention provides a device for fee ding parellopiped shaped products in groups formed by multiple products in upright position into the infeed conveyor, formed by lugs mounted at an equal pitch on a chain conveyor or flight bars mounted on twin chains, of a flow wrap machine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3296/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTILAYER POLYAMIDE FILM FOR REAR PANEL OF PHOTOVOLTAIC MODULE

(51) International classification	:B32B17/10,B32B27/34,H01L31/048
(31) Priority Document No	:1160938
(32) Priority Date	:30/11/2011
(33) Name of priority country	:France
(86) International Application No Filing Date	:PCT/FR2012/052725 :27/11/2012
(87) International Publication No	:WO 2013/079861
(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)ARKEMA FRANCE
Address of Applicant :420 rue dEstienne dOrves F 92700 Colombes France
(72)**Name of Inventor :**
1)DEVISME Samuel
2)MONTANARI Thibaut
3)BIZET Stphane

(57) Abstract :
The invention relates to the use of a multilayer polyamide film as a rear protective sheet in a photovoltaic module. The invention also relates to a photovoltaic module containing photovoltaic cells protected by an encapsulant a front protective layer and a rear protective layer wherein the rear protective layer is formed by a multilayer polyamide film.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014
(21) Application No.3298/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VARIANT ALPHA AMYLASES AND METHODS OF USE THEREOF

(51) International classification :C12N9/24,C12N5/10
(31) Priority Document No :61/579356
(32) Priority Date :22/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/070334
Filing Date :18/12/2012
(87) International Publication No :WO 2013/096305
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DANISCO US INC.
Address of Applicant :925 Page Mill Road Palo Alto CA 94304 U.S.A.
(72)**Name of Inventor :**
1)CASCAO PEREIRA Luis Gustavo
2)KOLKMAN Marc

(57) Abstract :
Compositions and methods relating to variant alpha amylases are described.

No. of Pages : 76 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3299/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CORD PROVIDED WITH A TUBULAR CORD BODY

(51) International classification :D04C1/12,A43C1/02
(31) Priority Document No :2012150880
(32) Priority Date :04/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078395
Filing Date :01/11/2012
(87) International Publication No :WO 2014/006774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TWINS CORPORATION
Address of Applicant :7 1 9 Kanasugi Funabashi shi Chiba 2730853 Japan
(72)**Name of Inventor :**
1)OSADA Masakazu
2)YANG Liming
3)HSIEH Tsung Jen
4)Kajiwara, ryuji

(57) Abstract :
A conventional cord having bulges is provided with an elastic rubber core and exhibits a difference in elongation or contraction between the rubber part corresponding to the end of each bulge and the rubber part corresponding to the center thereof. Namely, a part which undergoes severe elongation and contraction and a part which does not undergo elongation or contraction coexist in the elastic core. Therefore, a high strain is accumulated in the boundary region between both parts, so that the core results in rupture when the strain reaches a limit. Such a conventional cord is disadvantageous in that a relatively weak material such as rubber is unavoidably subjected to operation causative of strain accumulation. The present invention is a cord provided with a tubular cord body that is made of a stretchable material and that has bulges which are repeatedly arranged with spaces thereamong and the diameters of which change in dependence on the axial tension applied to the cord body.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3403/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SOLID ANTI SUN COMPOSITION BASED ON LIPOPHILIC ORGANIC UV SCREENING AGENT AND AEROGEL PARTICLES OF HYDROPHOBIC SILICA

(51) International classification :A61K8/25,A61K8/35,A61K8/37
(31) Priority Document No :1160059
(32) Priority Date :07/11/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/071142
Filing Date :25/10/2012
(87) International Publication No:WO 2013/068236
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LOREAL
Address of Applicant :14 rue Royale F 75008 Paris France
(72)**Name of Inventor :**
1)FAGEON Laure
2)LEMAL Mathilde

(57) Abstract :
The present invention thus relates to a solid composition in particular in the form of a loose or compact powder comprising in a cosmetically acceptable medium: a) at least one pulverulent phase b) at least one lipophilic organic UV screening agent characterized in that the pulverulent phase comprises at least aerogel particles of hydrophobic silica exhibiting a specific surface per unit of weight (Sw) ranging from 200 to 1500 m2/g, preferably from 600 to 1200 m2/g and better still from 600 to 800 m2/g and a size, expressed as volume average diameter (D[0.5]) of less than 1500 μm and preferably ranging from 1 to 30 μπι more preferably from 5 to 25 μπι better still from 5 to 20 μm and even better still from 5 to 15 μm. It also relates to a cosmetic method for caring for and/or making up human keratinous substances in particular the skin of the body or of the face or the hair comprising at least the application to the surface of the keratinous substance of at least one composition as defined above.

No. of Pages : 39 No. of Claims : 15

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

(21) Application No.2630/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR FAST QUERY RESPONSE

(51) International classification :g06f
(31) Priority Document No :61/879,476
(32) Priority Date :18/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IMS HEALTH INCORPORATED
Address of Applicant :83 WOOSTER HEIGHTS ROAD,DANBURY, CT 06810, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)SLAGER, DEREK
2)MEYLES, STEPHEN

(57) Abstract :
The disclosure generally describes computer-implemented methods, software, and systems for handling data access request, including: receiving a request submitted by a user to access data entries stored at a primary data server; determining whether the received request is supported by a fast query service engine, the fast query service engine being different from the primary data server; in response to determining that the received request is supported by the fast query service engine, directing the request to the fast query service engine; receiving query results from the fast query service engine, the query results composed from more than one answer sets maintained in in-memory data store at the fast query service engine, the answer sets the in-memory data-store being synchronized with the primary data server; and providing the query results to the user submitting the request.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2014

(21) Application No.3129/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : START UP PROCEDURE FOR AN ISOLATED SWITCHED MODE POWER SUPPLY

(51) International classification :H02M3/337,H02M1/36
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/071488
Filing Date :01/12/2011
(87) International Publication No :WO 2013/079111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)KARLSSON Magnus
2)KULLMAN Anders
3)MALMBERG Jonas
4)WAHLEDOW Fredrik

(57) Abstract :
An isolated switched mode power supply, SMPS, comprising: a switching controller (230) operable to generate startup switching control signals during start-up of the isolated SMPS (200), and operational switching control signals of period T during subsequent operation of the isolated SMPS (200); a transformer (110) having a primary winding (111); and a full-bridge drive circuit arranged to drive the primary winding (ill) of the transformer in response to the switching control signals. The full-bridge drive - circuit has: a first switching element (Q2); a boot-strap driving circuit (120) arranged to switch the first switching element (Q2) in response to the switching control signals, the boot-strap driving circuit having a boot-strap capacitor; and a second switching element (Q4) connected to the first switching element (Q2) and to the boot-strap driving circuit (120), and arranged to conduct a current to charge the boot-strap capacitor when switched ON in response to the switching control signals. The switching controller (230) is operable to start up the isolated SMPS by: determining a duty cycle D for the operational switching control signals based on a voltage (V t) at an output of the isolated SMPS; and generating the start-up switching control signals comprising a first voltage pulse of duration PI to temporarily switch ON the second switching element (Q4), and a subsequent second voltage pulse of duration P2 to temporarily switch ON the first switching element (Q2), wherein P1<P2 and P2<DT, where T is a switching period of the isolated SMPS, thereby allowing the boot-strap capacitor to be charged before the first switching element (Q2) is turned ON by the second voltage pulse.

No. of Pages : 43 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2014

(21) Application No.3414/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ETHYL ACETATE PRODUCTION

(51) International classification :C07C67/54,C07C69/14,B01D3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/056015
Filing Date :12/10/2011
(87) International Publication No :WO 2013/055334
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GREENYUG LLC
Address of Applicant :861 Ward Drive Santa Barbara California 93111 U.S.A.
(72)**Name of Inventor :**
1)GADEWAR Sagar B.

(57) Abstract :
A process for the production of high purity ethyl acetate from ethanol is described. The process involves reacting ethanol over a suitable catalyst in a reactive distillation column. The reactive distillation setup allows overcoming the reaction equilibrium for increased conversion of ethanol. Hydrogen is removed as the distillate and ethyl acetate is obtained as a bottoms product from the reactive distillation column. A feed of hydrogen at the bottom of the column and a suitable hydrogenation catalyst placed at the bottom of the column allows for a significant reduction of impurities such as butan-2-one and/or n-butyraldehyde in the ethyl acetate product. Adding side reactors to the reactive distillation column allows additional catalyst holdup for improved reactant conversion.

No. of Pages : 35 No. of Claims : 43

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

(21) Application No.2718/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FORGING APPARATUS

(51) International classification	:B21J 13/02
(31) Priority Document No	:2013-212536
(32) Priority Date	:10/10/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO., LTD.
Address of Applicant :1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556, Japan
(72)**Name of Inventor :**
1)KEI YOSHINAGA
2)YUJI IMAMURA

(57) Abstract :
A forging apparatus allows a forged product (14) to be separated easily from a die assembly (30). The die assembly (30), which typically is a compressing die assembly, has a lower die (32) and an upper die (34). The lower die (32) has first knockout mechanisms (40a, 40b). which include respective first bridge plates (44a, 44b) held on first knockout pins (42a through 42g). When the first knockout pins (42a through 42g) are lifted, the first bridge plates (44a. 44b) are lifted in unison with the first knockout pins (42a through 42g). The forged product (14) is pushed upwardly by first support fingers (48a through 48g) and holding fingers (64a, 64b) of the first bridge plates (44a, 44b), and as a result, the forged product (14) separates away from the lower die (32).

No. of Pages : 36 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3325/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ADJUVANT COMPOUND

(51) International classification :A61K39/39
(31) Priority Document No :2007536
(32) Priority Date :05/10/2011
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2012/050694
Filing Date :04/10/2012
(87) International Publication No :WO 2013/051936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ISA PHARMACEUTICALS B.V.
Address of Applicant :J.H. Oortweg 19 NL 2333 CH Leiden Netherlands
(72)**Name of Inventor :**
1)OSSENDORP Ferdinand Antonius
2)MELIEF Cornelis Johannes Maria
3)KHAN Selina
4)FILIPPOV Dmitri Viktorovitsj
5)VAN DER MAREL Gijsbert Arie

(57) Abstract :
The invention is directed to a compound according to the formula [1] wherein R 1 and R2 are branched or straight groups having up to 17 atoms selected from carbon, nitrogen, oxygen and sulphur, n is 0 to and including 18, Y is sulphur or selene, X is S or 0 and R is -OH or an organic group comprising one or more peptides, one or more nucleic acids, one or more antibodies or combinations thereof. The invention is also directed to process for preparing said compound and the use of said compound as an adjuvant. The invention is also directed to a composition comprising said compound and the use of said composition, for example as a vaccine composition.

No. of Pages : 52 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.3411/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DEVELOPMENT OF RECOMBINANT VACCINE BY CLONING OF GAG, ENV AND POLRT GENES OF HIV IC IN SEMLIKI FOREST VIRUS VECTOR

(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)M/S INDIAN COUNCIL OF MEDICAL RESEARCH
Address of Applicant :V. RAMALINGASWAMI BHAWAN, ANSARI NAGAR, NEW DELHI-110029, India
(72)**Name of Inventor :**
1)A.H. BANDIVDEKAR
2)SEEMA P. AJBANI,
3)SHILPA VELHAL

(57) Abstract :
This invention relates to a process for the construction of a recombinant HIV-I vaccine comprising the steps of extraqting the proviral DNA, HIV1C from PBMC of individuals infected with HIV1-1, subjecting the individual genes gag env and polRT of HIVI C to PCR amplication, cloning the gag, env and polRT genes in the Semliki Forest virus vector, SFV2 gene expression vector and transformation in E. coli DHSo cells to obtain plasmids pSFV2 gen/gag, pSFV2 gen/env and pSFV2gen/polRT and pSFV-Helper2, growing said Plasmids in E. coli, purifying the plasmid DNA and linearizing the plasmid, DNA to,obtain the linearized SFV2gen recombinant plasmids, followed by in vitro transcription of the SFV2gen recombinant plasmids to obtain the RNAs, subjecting the RNAs to the step of co-transfection into BHK-21 cells along with SFV2-Helpet2 RNA to obtain recombinant SFV2gen particles, rSFV2gen/polRT.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3411/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DISTANCE ESTIMATION

(51) International classification :G01S11/06
(31) Priority Document No :11360050.6
(32) Priority Date :10/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/004608
Filing Date :05/11/2012
(87) International Publication No :WO 2013/068095
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)**Name of Inventor :**
1)CLAUSSEN Holger
2)KENNEDY Irwin O.
3)BULJA Senad

(57) Abstract :
A method a network access node and a computer program product are disclosed. The method of estimating a distance between at least one network access node and a network node of a wireless communications network comprises: measuring total path losses between the at least one network access node and the network node on at least two different frequencies; determining frequency dependent path losses of transmissions by the at least one network access node on the at least two different frequencies; and estimating a distance between the network node and the at least one network access node using the total path losses and the frequency dependent path losses on the at least two different frequencies. By measuring the total path losses between network nodes on different frequencies and using frequency dependent path losses determined for those frequencies it is possible to estimate the distance between network nodes. This effectively removes the effects of the frequency dependent path losses for the different frequencies in order to estimate the distance between network nodes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/10/2014

(21) Application No.2911/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXHAUST DEVICE OF MOTORCYCLE

(51) International classification	:B62M 7/02	(71)**Name of Applicant :**
(31) Priority Document No	:2013-239032	**1)Suzuki Motor Corporation** Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(32) Priority Date	:19/11/2013	(72)**Name of Inventor :**
(33) Name of priority country	:Japan	**1)SASAKI, Eiji**
(86) International Application No	:NA	**2)INAYAMA, Yoshisato**
Filing Date	:NA	**3)YAMAMOTO, Kazuhiro**
(87) 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 motorcycle is equipped with a V-type engine in which front and rear cylinders are arranged in a V-shape along a vehicle front and rear direction. An exhaust device includes: a catalyst device disposed on an exhaust downstream side of a collection part of an exhaust pipe of the front cylinder and an exhaust pipe of the rear cylinder; and a connecting pipe via which the exhaust pipe of the front cylinder and the exhaust pipe of the rear cylinder communicate with each other, and the connecting pipe passes through a space between the exhaust pipe of the rear cylinder and the catalyst device.

No. of Pages : 42 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3311/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMMUNICATION CONTROL APPARATUS COMMUNICATION CONTROL METHOD TERMINAL APPARATUS PROGRAM AND COMMUNICATION CONTROL SYSTEM

(51) International classification	:H04W72/04,H04J3/00,H04W28/06
(31) Priority Document No	:2012242598
(32) Priority Date	:02/11/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/074371 :10/09/2013
(87) International Publication No	:WO 2014/069105
(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)SONY CORPORATION
Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)MIZUSAWA Nishiki

(57) Abstract :
Provided is a communication control apparatus for controlling wireless communications performed by terminal apparatuses in accordance with the time division duplex (TDD) method in a wireless communication network. The communication control apparatus comprises a setting unit for setting a link direction configuration representative of link directions of subframe unit for the wireless communications for each of a plurality of frames each including a plurality of subframes. The setting unit sets a timing of control signaling of a second link direction which is associated with the data transmission of a first link direction and opposite to the first link direction in the wireless communications independently of the link direction configuration having been set.

No. of Pages : 70 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3312/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INJECTION MOLDING APPARATUS AND INJECTION MOLDING METHOD

(51) International classification :B29C45/26,B29C45/12
(31) Priority Document No :2011238274
(32) Priority Date :31/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075308
Filing Date :01/10/2012
(87) International Publication No :WO 2013/065434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO. LTD.
Address of Applicant :1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan
(72)**Name of Inventor :**
1)KURAMITSU Kazutaka
2)IDE Toru
3)NAGAI Hiroya
4)OGUSHI Akira

(57) Abstract :
The invention relates to an injection molding apparatus and an injection molding method. The injection molding apparatus (10A) is provided with: a middle mold (20) which is disposed between a fixed mold (16) and a movable mold (22) and in which a through hole (52) that opens into both the fixed mold (16) and the movable mold (22) is formed; a first nozzle (36) for supplying the molten material into a first cavity (204a); a second nozzle (38) for supplying the molten material to a second cavity (204b); and a sealing member (68) capable of sliding on the wall surface configuring the through hole (52). The sealing member (68) is pushed to the side where the first mold (16) is positioned and is pressed against the second nozzle (38).

No. of Pages : 80 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3313/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RESONANT NOISE SUPPRESSOR DEVICE FOR TYRE

(51) International classification :B60C11/04,B60C11/03
(31) Priority Document No :1160555
(32) Priority Date :18/11/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/071118
Filing Date :25/10/2012
(87) International Publication No :WO 2013/072169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
Address of Applicant :12 cours Sablon F 63000 Clermont Ferrand France
2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(72)**Name of Inventor :**
1)ROTY Gael

(57) Abstract :
Tyre tread comprising at least one groove (1) delimited by two walls (20, 30) joined together by a groove bottom (10) comprising at least one flexible device for partially closing this groove as it passes through the contact patch each flexible device comprising at least one strip (4, 4) borne by one wall and capable of flexing under the effect of a flow of liquid each strip (4) having a bottom wall (40) an end wall (41) a contact wall (42) and side walls (43, 44) the bottom wall comprising a first part (401) and a second part (402) the first part being offset towards the outside of the tread in relation to the second part (402) that forms a notch.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2014

(21) Application No.3418/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PRECIPITATED SILICA SORBENTS

(51) International classification :B01J20/10,B01J20/28,B01J20/32
(31) Priority Document No :61/555508
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/053637
Filing Date :04/09/2012
(87) International Publication No :WO 2013/066489
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PPG INDUSTRIES OHIO INC.
Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A.
(72)**Name of Inventor :**
1)GUO Qunhui
2)KNOX Carol L.
3)KOLLAH Raphael O.
4)MARTIN Justin
5)MOHNOT Shantilal M.
6)OKEL Timothy A.
7)RARDON Daniel E.

(57) Abstract :
The present invention is directed to a separation medium comprising rotary dried or spray dried precipitated silica. The silica has a ratio of BET to CTAB is at least 1.0 measured prior to any surface modification of the silica. The present invention is further directed to a method of separating suspended or dissolved materials from a fluid stream comprising contacting the stream with the separation medium described above.

No. of Pages : 28 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2905/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :10/10/2014
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLUID EJECTION DEVICE

(51) International classification	:B41J 2/175
(31) Priority Document No	:2013-220871
(32) Priority Date	:24/10/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SEIKO EPSON CORPORATION
Address of Applicant :of 4-1, Nishi-shinjuku 2 chome, Shinjuku-ku, Tokyo 163 0811, Japan
(72)**Name of Inventor :**
1)TOMOMATSU, SHINSUKE

(57) Abstract :
A fluid ejection device is clean, easy to use, and improves reliability. A fluid ejection device 10 has a carriage 37 on which is mounted a fluid ejection head 32 that ejects fluid droplets to a recording medium P; a carriage moving mechanism 39 that moves the carriage 37 bidirectionally in a direction intersecting the direction in which the recording medium P is conveyed; and an outside case 20 with an access cover 60, 70 that opens at least part of the carriage movement range S of the carriage 37; the access cover 60, 70 having a plurality of ribs 62, 75 of a specific height H on the surface facing the carriage movement range S when closed, and a charged filter 80 disposed between the plural ribs 62, 75 so that the adsorption surface 81a that adsorbs the fluid mist is exposed.

No. of Pages : 26 No. of Claims : 7

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

(21) Application No.2906/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SOCKET-SHAPED HOUSING,CONNECTOR,AND CONNECTOR ARRANGEMENT WITH CABLE SUPPORT

(51) International classification	:H01R 13/62	(71)**Name of Applicant :** **1)Tyco Electronics AMP GmbH** Address of Applicant :of Amp¨restrasse 12 - 14, D - 64625 Bensheim, GERMANY
(31) Priority Document No	:10 2013 221 339.5	
(32) Priority Date	:21/10/2013	(72)**Name of Inventor :** **1)BOEMMEL, CHRISTIAN** **2)JETTER, ROLF**
(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	

(57) Abstract :
The invention concerns a socket-shaped housing (2) with a receptacle for attaching at least one completely mounted, standardised connector (4), attached to at least one cable (8), in the housing (2), having an attachment section (7) for the attachment of the housing (2) to a support (6), as well as a connector arrangement (1) with such a housing (2), cable support (5), and connector (4). In order to protect the connector (4), put together with a mating plug, from vibrations and thus the contact elements of the connector (4) from premature wear, in particular in high-vibration environments, the invention provides for a separate cable support (5) with at least one retaining hole (14) to retain the cable (8) free of play. The cable support (5) is supported by the receptacle (3), preferably via form-fitting elements (20, 21) on the sides of the cable support and the housing. This affixes the cable (8) relative to the housing (2). Vibrations can no longer propagate to the connector (4) via the cable (8). The cable support (5) can also be integrated with the connector (4).

No. of Pages : 16 No. of Claims : 15

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

(21) Application No.317/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INSTRUMENT FOR USE IN MANIPULATING AN IMPLANT COMPONENT

(51) International classification :A61F2002/4624
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)JOHNSON & JOHNSON
Address of Applicant :30, FORJETT STREET, MUMBAI 400036, Maharashtra India
(72)**Name of Inventor :**
1)SARVESH CHINAGI
2)HITENDRA PUROHIT

(57) Abstract :
An instrument (100) for manipulating an implant component (200) such as a femoral component includes a body (3) with a seat (24) mounted thereon and upon which bearing 5 surfaces (20 1,20 1) of the component sit. A pair of arms (27,28) with return flanges (3 1, 32) can be used to grip the component. The arms include perpendicularly extending shafts (29,30) with threaded portions at their end. A rotating thumbwheel (40) has a threaded internal bore (41) provided in a cavity (4) in the body. The shafts are received in the body and the threaded portions engage with the internal bore. Rotation of the thumbwheel 10 causes the arms to move towards and away from each other and, as such, the separation between the arms can be adjusted to accommodate components are varying widths. The advantage is that the instrument enables prosthesis components of varying sizes to be manipulated but does not have excessive width which may limit the situations in which it can be used, or require excessively large incisions.

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

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

(21) Application No.3457/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A COMPACT THERMAL REACTOR FOR RAPID GROWTH OF HIGH QUALITY CARBON NANOTUBES (CNTS) PRODUCED BY CHEMICAL PROCESS WITH LOW POWER CONSUMPTION

(51) International classification :B82Y
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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 ELECTRONICS AND INFORMATION TECHNOLOGY (DeitY)
Address of Applicant :Ministry of Communications & Information Technology, 6, CGO Complex, New Delhi 110003 India
2)Jamia Millia Islamia University
(72)**Name of Inventor :**
1)PRABHASH MISHRA
2)SAIKH SAIFUL ISLAM

(57) Abstract :
The invention relates to a compact thermal reactor for rapid growth of high quality carbon nanotubes (CNT2) produced by chemical process with low power consumption comprising: a processing chamber having a vacuum vessel, the vacuum vessel having a side cover formed of a first side wall and a second side wall, a top cover, a bottom cover connected to a support stand; feed through housing provided with a substrate; a heating system consisting of a heating element and back means; and at least one each inlet and outlet for gas injection into the process chamber for growing high quality carbon nanotubes over the substrate.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/08/2014

(21) Application No.2484/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APPARATUS FOR HEATING PLASTIC BITS

(51) International classification :F27D 3/00
(31) Priority Document No :10 2013 2196 84.9
(32) Priority Date :30/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KRONES AG
Address of Applicant :Bhmerwaldstr. 5 93073 Neutraubling GERMANY
(72)**Name of Inventor :**
1)Thomas FRIEDLAENDER

(57) Abstract :
An apparatus and a corresponding method for heating plastic bits, comprising a heating zone in which introduced plastic bits can be heated, and a heating device which is suited to conduct heat into the heating zone, wherein the apparatus further comprises filling bodies which can be introduced into the heating zone and are suited to give off absorbed heat to the plastic bits in the heating zone.

No. of Pages : 18 No. of Claims : 15

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

(21) Application No.2721/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VEHICLE SEAT

(51) International classification :B60N
(31) Priority Document No :2013-203576
(32) Priority Date :30/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1, Asahi-machi 2-chome, Kariya-shi, Aichi-ken, 448-8650, Japan
2)SHIROKI CORPORATION
(72)**Name of Inventor :**
1)ARAKAWA, Yuji

(57) Abstract :
A vehicle seat (1) includes a slide rail (11). A cap provided in a lower rail (40) or an upper rail (20) integrally includes a base portion (152) adjacent to a longitudinal rear end (40B, 20B) of the lower rail (40) or the upper rail (20) provided with the cap, and a first deformation prevention portion (160) extending into a space (13) from the base portion (152) toward a longitudinal center of the lower rail (40) or the upper rail (20) provided with the cap, the first deformation prevention portion (160) being provided between the pair of side face portions within the space (13) so as to restrain deformation of the rail. When the upper rail (20) is placed in a rearmost position within a slidable range, the first deformation prevention portion (160) is placed in vicinity to the rear end (40B) of the lower rail (40).

No. of Pages : 35 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/09/2014

(21) Application No.2803/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SPLIT PASSENGER SERVICE UNITS

(51) International classification :B60H
(31) Priority Document No :61/887,313
(32) Priority Date :04/10/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EMBRAER S.A.
Address of Applicant :Av. Brigadeiro Faria Lima, 2.170, S£o Jos dos Campos, SP - Brazil, 12227-901 Brazil
(72)**Name of Inventor :**
1)Amauri PAULINO
2)Sergio Luiz Abdalla GOMIDE
3)Gustavo Selofite DE ARRUDA
4)Nilmar Csar FERREIRA
5)Luciano dos Santos RIBEIRO
6)Demtrio Andrade DE CAMPOS
7)Sergio Augusto MEIRELES FILHO
8)Frederico Lara DE OLIVEIRA
9)Douglas Gon§alves DE ALBUQUERQUE
10)Helio ALBINO
11)Andr Duarte STEIN
12)Paul PRIESTMAN
13)Daniel MACINNES
14)Luciano Ricardo Magalh£es DA SILVA
15)Ricardo Rosa MACŠDO

(57) Abstract :
Elongate passenger service unit (PSU) assemblies are comprised of a plurality of modular passenger service units, and a plurality of variable-length modular spacer units. The modular spacer units are positioned between the modular passenger service units in an end-to-end manner so as to provide a desired lengthwise array of the passenger service units along the PSU assembly. Transport category vehicles, e.g., aircraft, may thus be provided with inboard and outboard PSU assemblies. The passenger seats may be arranged in a latitudinally side-by-side arrangement and/or may be arranged in a longitudinally staggered arrangement. By providing variable length modular spacer units, therefore, the individual passenger service units may be arranged directly overhead of each passenger seat.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/02/2013

(21) Application No.338/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BIO-ENERGY GENERATION USING LOCAL POND ALGAE AND ALGAE GROWN IN STAGNATED WATER IN THE FORM OF BIO-DIESEL.

(51) International classification :C12M1/107
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DR. SHABANA UROOJ
Address of Applicant :SCHOOL OF ENGINEERING GAUTAM BUDDHA UNIVERSITY GREATER NOIDA, 201310. Uttar Pradesh India
2)DR. ATHAR HUSSAIN
3)NARAYANI
(72)**Name of Inventor :**
1)DR. SHABANA UROOJ
2)DR. ATHAR HUSSAIN
3)NARAYANI

(57) Abstract :
Energy in any form is a necessity and solving problem of waste management is second highest priority in every nation. In the proposed technology, algae which self grows on the water bodies like water reservoir, pond and the stagnated water are processed to form bio-fuel. This fuel can be further used as bio-diesel to generate energy in vehicles and can also be directly used for combustion p. urp. oses. The basic structure of fuel is a long chain of alkyl esters containing ethyllmethyl chains. By basic generation the fuel generated is not of very good quality. It is of high viscosity. So bj the process of trans-esterification the fuel is further improvised to give file1 of higher flash point, low viscosity and engine friendly. The process does not require high end technology hence they can be used in the energy generation process in remote areas and also as alternative resources too.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/04/2012

(21) Application No.3477/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RF FILTER HOUSING

(51) International classification :F01P 1/203
(31) Priority Document No :09176285.6
(32) Priority Date :18/11/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/067639
Filing Date :17/11/2010
(87) International Publication No :WO 2011/061211
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DSM IP ASSETS B.V.
Address of Applicant :HET OVERLOON 1, NL-6411 TE HEERLEN, THE NETHERLANDS
(72)**Name of Inventor :**
1)POT, ABEL FRANS

(57) Abstract :
Component manufactured of a polymer composition, which component has been plated with electrical conductive material to provide EMI shielding and which polymer composition contains (a) polyethylene terephthalate (b) glass fibres. The component preferably is a RF filter housing, more preferably a RF filter housing for use in base station for mobile telephone.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2014

(21) Application No.2768/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FUEL-CELL-POWERED TWO-WHEEL VEHICLE

(51) International classification :B62K
(31) Priority Document No :2013-216673
(32) Priority Date :17/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUZUKI MOTOR CORPORATION
Address of Applicant :300, Takatsuka-Cho, Minami-Ku, Hamamatsu-Shi, Shizuoka-Ken 432-8611, Japan
(72)**Name of Inventor :**
1)IKEYA Kengo
2)MATSUMOTO Shiro

(57) Abstract :
A fuel-cell-powered two-wheel vehicle, such as scooter type motorcycle, is provided with a vehicle body, an electric motor for driving a driving wheel, an air-cooled fuel cell for supplying electric power to the electric motor, and a fuel tank storing a fuel gas to be supplied to the fuel cell. The fuel cell is formed with an intake passage for supplying air for reaction and for cooling, and the fuel tank storing the fuel gas at a high pressure is arranged i n a middle portion of the intake passage. In such structure, when the fuel gas is to be supplied to the fuel cell from the fuel tank , the air passing through the intake passage is cooled by adiabatic expansion of the fuel gas.

No. of Pages : 49 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/09/2014

(21) Application No.2769/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DIPPER DOOR AND DIPPER DOOR TRIP ASSEMBLY

(51) International classification :E02F
(31) Priority Document No :61/883,982
(32) Priority Date :27/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Harnischfeger Technologies, Inc.
Address of Applicant :2751 Centerville Road Suite 342, Wilmington Delaware 19808 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)GROSS, Matthew L.
2)COLWELL, Joseph J.
3)NICOSN, Richard

(57) Abstract :
A mining machine includes a boom, a handle coupled to the boom, a dipper coupled to the handle, and a dipper door pivotally coupled to the dipper. The mining shovel also includes a dipper door trip assembly including a trip motor coupled to the boom, a trip d m coupled to the handle, a linkage assembly coupled to the dipper door, a first actuation element extending directly from the trip motor to the trip drum, and a second actuation element extending directly from the trip drum to the linkage assembly.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3302/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ABSORBENT ARTICLES WITH IMPROVED ABSORPTION PROPERTIES

(51) International classification :G01N15/08,A61L15/60,A61F13/15
(31) Priority Document No :11189960.5
(32) Priority Date :21/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/US2012/065780
Filing Date :19/11/2012
(87) International Publication No :WO 2013/078109
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)EHRNSPERGER Bruno Johannes
2)JENNEWEIN Marc
3)LUTSCHE Marion
4)PERI Andrea
5)THOMANN Maike

(57) Abstract :
An absorbent article such as disposable diaper training pant and adult incontinence undergarment comprising an absorbent structure comprising superabsorbent polymer particles the article being able to absorb and contain body exudates and having improved absorption properties and therefore being able to reduce leakage especially at the first gush i.e. when the article starts to be wetted.

No. of Pages : 76 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2012

(21) Application No.3399/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN ANTIBACTERIAL FORMULATION

(51) International classification :A61P1/14
(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

(71)**Name of Applicant :**
1)Dr. Virender Singh
Address of Applicant :Assistant Professor and Head Dept. of Life Sciences Himachal Institute of Life Sciences Paonta Sahib (HP) India
(72)**Name of Inventor :**
1)Dr. Virender Singh
2)Dr Tejpal Dhewa
3)Dr. P.K. Chauhan
4)Amandeep Kaur Saini
5)Jyoti Gupta
6)Abhishek Bhardwaj
7)Rohini Sharma
8)Dr. Vinod Kumar
9)Abhishek Thakur
10)Avinash Kumar

(57) Abstract :
The present invention relates to an antibacterial formulation comprising water extract of fruit peel of Punica granatum and alcoholic extract of bark of Ficus religiosa for killing of Staphylococcus aureus bacteria. The formulation may optionally comprise of other pharmaceutically acceptable additives. The formulation is very effective even against Vancomycin Resistant Staphylococcus aureus (VRSA) bacteria.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2014

(21) Application No.3492/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SEAMLESS AUSTENITE HEAT RESISTANT ALLOY TUBE

(51) International classification :C22C19/05,C22C30/00,C22C30/02
(31) Priority Document No :2011249875
(32) Priority Date :15/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078788
Filing Date :07/11/2012
(87) International Publication No :WO 2013/073423
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)JOUTOKU Kana
2)ISEDA Atsuro
3)OKADA Hirokazu
4)HIRATA Hiroyuki
5)YOSHIZAWA Mitsuru

(57) Abstract :
A seamless austenite heat-resistant alloy tube of the present invention is made with a chemical composition comprising, in terms of mass percent, C : 0.03-0. 15%, Si ≤ 1%, Mn ≤ 2%, P ≤ 0.03%, S ≤ 0.01%, Ni: 35-60%, Cr: 18-38%, W : 3-1 1%, Ti: 0.01-1.2%, Al ≤ 0.5%, B : 0.0001-0.01%, N ≤ 0.02%, and O ≤ 0.008%; at least one chosen from Zr: 0.01-0.5%, Nb: 0.01-0.05%, and V : 0.01-0.5%; and, if necessary, at least one chosen from Mo ≤ 1%, Cu ≤ 1%, Co ≤ 1%, Ca ≤ 0.05%, Mg ≤ 0.05%, and REM ≤ 0 . 1%; with the remainder consisting of Fe and impurities. The average crystal grain diameter d μm at the central section of the thickness of the tube i s 1000 μm or less and fulfills the expression (d ≤ 1500 - 2.5 x 10 5 x B). The thickness of an oxide layer on the outer surface of the tube is 15 μm or less, and the outer surface of the tube is directly fillet welded. The alloy tube of the present invention has outstanding resistance to weld cracking and can suppress the appearance of cracks in the heat-affected zone during welding, and therefore can favorably be used as a member for high-temperature devices such as furnace wall pipes for boilers for electricity generation.

No. of Pages : 43 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3315/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STERILITY RETAINING MEDICAL CONNECTOR ASSEMBLY AND METHOD

(51) International classification :A61M25/16
(31) Priority Document No :61/548862
(32) Priority Date :19/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060978
Filing Date :19/10/2012
(87) International Publication No :WO 2013/059563
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER MEDICAL CARE INC.
Address of Applicant :One Bayer Drive Indianola PA 15051 U.S.A.
(72)**Name of Inventor :**
1)UBER Arthur E. III
2)COWAN Kevin P.
3)DEDIG James A.
4)GRIFFITHS David M.
5)HOFFMAN Raymond C.
6)RHINEHART Edward J.
7)SWANTNER Michael J.
8)TAGGART Benjamin
9)TROCKI Mark
10)YANNIELLO Michael J.

(57) Abstract :
A medical connector assembly for establishing a fluid connection between a first medical device and a second medical device includes a multi use connector and a plurality of single use connectors connected in series. The multi use connector has a proximal end opposite a distal end along a longitudinal length thereof. The plurality of single use connectors each have a proximal end opposite a distal end along a longitudinal length thereof. The distal end of the multi use connector is releasably connected to the proximal end of a first of the serially connected single use connectors. When a second of the serially connected single use connectors is disconnected from the first single use connector the first single use connector remains connected to the multi use medical connector as a sterility retaining cover.

No. of Pages : 76 No. of Claims : 46

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3406/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND SYSTEMS FOR IMAGE ANALYSIS IDENTIFICATION

(51) International classification :G01N35/00
(31) Priority Document No :61/541453
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057714
Filing Date :28/09/2012
(87) International Publication No :WO 2013/049442
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIFE TECHNOLOGIES CORPORATION
Address of Applicant :5791 Van Allen Way Carlsbad California 92008 U.S.A.
(72)**Name of Inventor :**
1)FORTESCUE David
2)SHEN Ming
3)SOH Woon Liang Terence
4)CHENG Francis T.

(57) Abstract :
A computer implemented method for identifying a first object of interest is provided. The first object of interest includes two identifiers and a sample portion. The method includes imaging the first object of interest including the two identifiers. The imaging generates a first set of image data. The method further includes determining a position of the first object of interest in the field of view of an optical sensor and determining the two identifiers from the first set of image data. The method includes identifying the first object of interest based on the two identifiers.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2012

(21) Application No.3408/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM TO INTEGRATE DRIVING LICENSE VALIDATION IN VEHICULAR CONTROL

(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 :**
1)Ashok Kumar
Address of Applicant :F/o Ms Jyoti Dhillon of Village and Post: Banipur Teh- Bawal Dist Rewari Haryana - 123501 India
2)Ram Awadh Prasad Sharma
3)Maya Devi
4)Nandeshwar Prasad
5)Shambhu Kumar Goswami
6)Govindasami Gunasekar
(72)**Name of Inventor :**
1)Jyoti Dhillon
2)Ravi Ranjan Sharma
3)Shiv Shankar Kumar
4)Durgesh Kumar
5)Varsha Kumari
6)Govindasami Krishna Kumar

(57) Abstract :
The present invention relates to an electronic monitoring system for validation of driving license of a person having a small smart card reader which can be fitted in the vehicle which can 5 authenticate the person or the driver to drive the vehicle. After authentication of the person or the driver a relay mechanism can be used to start the vehicle. The detecting system can be nicrocontroller based which can be programmable to store the information of number of card holders and is password protected and can be accessed by the owner of the vehicle. Once the data is fed by the owner of the vehicle no one else can change the data stored. This can prevent people 10 from driving without a valid license and can also reduce vehicle theft.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2014

(21) Application No.3497/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DOSING MODULE

(51) International classification :F01N3/20,F02M53/04
(31) Priority Document No :10 2011 086 017.7
(32) Priority Date :09/11/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/071546
Filing Date :31/10/2012
(87) International Publication No :WO 2013/068288
(61) 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)KIONTKE Martin
2)POHL Stephan
3)KNITTEL Achim

(57) Abstract :
The invention relates to a dosing module (10) for injecting a reduction agent in particular a urea water solution into an exhaust pipe of an internal combustion engine in particular of a self igniting internal combustion engine to reduce nitrogen oxides in the exhaust stream wherein the dosing module has a main cooling element (12) through which a cooling liquid flows in particular for cooling an injection valve (64) for the reduction agent. According to the invention an additional cooling element (14) through which the cooling liquid likewise flows in particular for cooling in the region of an electrical plug connection (22) and of an electromagnet (80) for actuating the injection valve (64) is placed on the basis cooling element (12) wherein a guide insert (30) for the cooling liquid is arranged in the main cooling element (12). As a result of the guide insert (30) priority cooling of the end section (72) of the injection valve (64) which is in direct contact with the hot exhaust stream of the internal combustion engine occurs. According to the invention reliable operation of the dosing module (10) is ensured even at ambient temperatures of 160°C and above.

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

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

(21) Application No.2632/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HEAT EXCHANGE DEVICES, LIQUID ADHESIVE SYSTEMS, AND RELATED METHODS

(51) International classification	:F28F 13/18
(31) Priority Document No	:61/878,254
(32) Priority Date	:16/09/2013
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NORDSON CORPORATION
Address of Applicant :28601 Clemens Road, Westlake, Ohio 44145, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)STEVEN CLARK
2)WESLEY C. FORT
3)MARK A. GOULD
4)JAY LANIER
5)LAURENCE B. SAIDMAN

(57) Abstract :
A heat exchange device for heating liquid adhesive material to an application temperature suitable for an adhesive bonding application includes a body having an inlet configured to receive a flow of liquid adhesive material and an outlet configured to provide the liquid adhesive material to a dispensing device for the adhesive bonding application. A fluid passageway in the body connects the inlet and the outlet. The fluid passageway includes a thin slit section having a length along a fluid flow direction between the inlet and the outlet, the thin slit section further having a first dimension and a second dimension transverse to the fluid flow direction. The first dimension and the length are substantially greater than the second dimension. The heat exchange further includes a heating element for heating the liquid adhesive material flowing through the thin slit section to the application temperature.

No. of Pages : 33 No. of Claims : 28

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

(21) Application No.2633/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HOLE PUNCH AND ALSO A METHOD FOR THE PIERCING OF A WORKPIECE WHICH IS PRESENT AS A FOAM MATERIAL AND/OR AS A SANDWICH MATERIAL AND ALSO A METHOD FOR THE MANUFACTURE OF THE HOLE PUNCH.

(51) International classification :f16b
(31) Priority Document No :102013218548.0
(32) Priority Date :16/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG
Address of Applicant :OTTO-HAHN-STRASSE 22-24 D-61381 FRIEDRICHSDORF, GERMANY
(72)**Name of Inventor :**
1)DIEHL, OLIVER
2)LEMBACH, ANDREAS

(57) Abstract :
A hole punch and a method for piercing a workpiece wherein a hole punch includes a sheet metal part and a piercing body attached thereto which carries out the piercing function and which is provided with a thread cylinder or can be provided with a thread cylinder, for example by pressing a threaded pin into a centrally arranged passage of the hole punch, wherein the hole punch can also be formed in one piece as a piercing body with a sheet metal-like flange. Furthermore a method is claimed for the manufacture of the hole punch.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2013

(21) Application No.2712/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROGRAMMABLE LOGIC CONTROLLER AUTOMATED SEWAGE TREATMENT PLANT

(51) International classification :C02F9/14
(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

(71)**Name of Applicant :**
1)FONTUS WATER PRIVATE LTD
Address of Applicant :A1/152, NEB SARAI, IGNOU ROAD, NEW DELHI-110068 India
(72)**Name of Inventor :**
1)SANTHANA KRISHNAN RAGHURAMAN

(57) Abstract :
A sewage treatment plant based on sequential batch reactor has been automated with programmable logic controllers (PLC) for process control for start-up commissioning, operation and maintenance in auto mode as well as fault detection, repairing and re-commissioning as and when required.

No. of Pages : 39 No. of Claims : 12

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

(21) Application No.2714/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THERMOSTATIC VALVE

(51) International classification :F01P 7/16
(31) Priority Document No :102013111618.3
(32) Priority Date :22/10/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DR. ING. H.C.F. PORSCHE AKTIENGESELLSCHAFT
Address of Applicant :Porscheplatz 1, 70435 Stuttgart, GERMANY
(72)**Name of Inventor :**
1)THOMAS GEFFERT
2)FRANK BLUM

(57) Abstract :
Thermostatic valve The invention relates to a thermostatic valve (1) with a valve housing (2) having a fluid inlet and a fluid outlet, with an actuator (3) which is accommodated in the valve housing (2) and has a housing (5), and with a switching element (4) which is operatively connected to the actuator (3) in order to control a fluid connection between fluid inlet and fluid outlet, wherein a plunger (8) protrudes out of the housing (5), said plunger being connected in an axially fixed manner to the valve housing (2), and the housing (5) being accommodated in an axially shiftable manner in the valve housing (2), wherein the housing (5) is mounted in the region of its opposite end regions (10, 11) in the valve housing (2) by means of plain bearings (13), wherein the switching element (4) is arranged in an axially displaceable manner relative to the housing (5) of the actuator (3).

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.3731/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AUTOMATIC GEAR LIVER LOCKING DEVICE.

(51) International classification :G07C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)LALIT KAUSHIK
Address of Applicant :C/6 RATTAN PARK, MANGLOI DELHI - 110041. India
(72)**Name of Inventor :**
1)LALIT KAUSHI

(57) Abstract :
In this innovative Automatic gear lever locking device gear lever in reverse direction (reverse gear is to be engaged) is lock or unlock with wireless remote control. If locking and unlocking codes of Automatic gear lever locking device and central locking are same than we lock and unlock the car doors and gear lever in reverse direction with the same remote and by the same key. This feature makes car security system makes more advance and saves the times to lock and unlock the cars. With the single press of remote switches we can found double types of locking safety [door looking by central lock and gear lock in reverse direction by Automatic gearlever locking device.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.2890/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : YARN WINDING MACHINE

(51) International classification :B65H
(31) Priority Document No :2013-218501
(32) Priority Date :21/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MURATA MACHINERY, LTD.
Address of Applicant :3 Minami Ochiai-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan
(72)**Name of Inventor :**
1)SAWADA Harutoshi
2)SHIRAKAWA Masahiko
3)YAMADA Shuji
4)SUSAMI Hiroyuki
5)TERAO Yuho

(57) Abstract :
A spinning machine (1) includes a swinging portion 5 (71b) adaptedto rotatablyholda package (45) aroundwhich a spun yarn (10) is wound, a winding drum (72) adapted to rotationally drive the package (45) while making contact with the package (45), an air cylinder (60) adapted to receive supply of air andtomove the swingingportion (71b) 10 in a first direction and a second direction, and a controller (5) adapted to control the supply of the air to the air cylinder (60) . The controller (5) is adapted to control the supply of the air to the air cylinder (60) when supply of electricity is stopped, such that pressure for 15 moving the swinging portion (71b) in the second direction becomes higher than pressure of when the swinging portion (71b) is moved and the package (45) is making contact with the winding drum (72) .

No. of Pages : 48 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/04/2014

(21) Application No.2890/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MICROBIOCIDAL PYRAZOLE DERIVATIVES

(51) International classification :C07D417/14,A61K31/445,A01N43/54
(31) Priority Document No:11185567.2
(32) Priority Date :18/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/068043
Filing Date :14/09/2012
(87) International Publication No :WO 2013/056915
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SYNGENTA PARTICIPATIONS AG
Address of Applicant :Schwarzwaldallee 215 CH 4058 Basel Switzerland
(72)**Name of Inventor :**
1)LAMBERTH Clemens
2)SULZER MOSSE Sarah
3)CEDERBAUM Fredrik Emil Malcolm

(57) Abstract :
The present invention relates to compounds of formula (I) wherein R1, R2, R3, R4 R5, R6, R7, R8, R9, R10, R11, R12, R13, G1, G2, G3, Y1, Y2, n, and p are as defined in the claims. The invention also relates to methods of using the compounds of formula (I) to control or prevent infestation of plants, propagation material thereof, harvested crops or non-living materials by phytopathogenic or spoilage microorganisms or organisms potentially harmful to man.

No. of Pages : 68 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.3724/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM FOR ORGANIC DEVICES FABRICATION UNDER OXYGEN FREE AMBIENCE

(51) International classification :C23C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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
Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY, HAUZ KHAS, NEW DELHI - 110016. India
(72)**Name of Inventor :**
1)DUTTA, VIRESH DR.
2)VANKAR, VASANT DATTATRAYA DR.

(57) Abstract :
The system comprises of three units (i) A glove box (ii) B thermal evaporation system and (iii) Transfer mechanism. The glove box comprises anti chambers A1 and A2, spin coater S, quartz window W1 and PLC control for A, B and C operations P. Thermal evaporation System comprises of CC- Cold cathode Gauge, PG- Penning Gauge, Vac- Vacuum valve, V1- Purge valve for N2 ingress, W2- Viewing Port, E 1, E2- Electrodes for thermal evaporation. The Transfer Mechanism consists of GI- Gate valve for isolation, Rl,R2- Motor Shafts and supporting rods, MI, M2- Stepper motors, CP- Gear arrangement for linear substrate motion, H- Sample holder. The mechanical arm consists of (i) a substrate holder (single or multiple substrates covering 10 cm x 10 cm) supported on two rods mounted inside the oxygen free chamber, (ii) a movement arm to drive the substrate(s) using two motors mounted outside the chamber on the top , (iii) a gate valve which allows the transfer after the pressure equalization by means of a control valve for leaking appropriate amount of Nitrogen , (iv) a substrate support inside the vacuum system so as to place the transferred organic layer coated substrate(s) correctly above the thermal evaporation source(s) for making the contact coating(s) and (v) a PLC controller which ensures that the transfer mechanism work perfectly in order to prevent any oxygen exposure

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013
(21) Application No.3725/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A DEVICE FOR MEASURING ROOF CONVERGENCE IN MECHANIZED COAL MINE WORKINGS/TUNNELS/CAVERNS

(51) International classification :E21D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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 AND INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI-110001, INDIA
(72)**Name of Inventor :**
1)KUSHWAHA ANGAD
2)TEWARI SUBHASHISH
3)BHATTACHARJEE RANA

(57) Abstract :
This invention relates to a device for measuring convergence of the roof in a mechanized or semi mechanized coal mine workings, quickly and accurately as well as provides a visual warning when roof convergence reaches to a pre determined cut off value. This invention relates to a simple device which is easy to install and capable of maintaining alignment as per requirement. It provides accurate measuring and easy reading and is capable of indicating the convergence quickly as well as providing visual warning. This invention eliminates the requirement of a reference point in the floor of a roadway whose position is liable to be disturbed due to movement of heavy machines in a mechanized or semi mechanized coal mine district and also gives convergence of the roof irrespective of the position of the roof bed from where it is separated.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2012

(21) Application No.3637/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ADJUSTABLE STRAP ASSEMBLY, SLIDER AND CONNECTOR

(51) International classification :A41F 15/00
(31) Priority Document No :0918433.4
(32) Priority Date :21/10/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051726
Filing Date :13/10/2010
(87) International Publication No :WO 2011/048406
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TALON INTERNATIONAL, INC.
Address of Applicant :21900 BURBANK BLVD., SUITE 270 WOODLAND HILLS, CALIFORNIA 91367, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)PITMAN, RAYMOND, DAVID
2)HONOUR, ANDREW, MICHAEL

(57) Abstract :
An adjustable strap assembly (10) comprises a strap (12), a slider (14), and an end connector (16) for connection to a garment. An end of the strap (12) is attached to the slider (14), and the strap (12) passes through the end connector (16) and through the slider (14). The end connector (16) comprises a bar (24) around which the strap (12) passes, and defines a slot (25) in front of the bar (24) under an outer plate (20), such that the portions of the strap (12) on either side of the bar (24) both pass through the slot (25). The slot (25) holds the two parts of the strap (12) together and flat, making the assembly (10) thinner.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/12/2013
(21) Application No.3741/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED GREEN PROTOCOL FOR THE SYNTHESIS OF 1,2-DIAMINES VIA RING OPENING OF AZIRIDINES WITH AMINES

(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)NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH (NIPER)
Address of Applicant :Sector-67, S.A.S Nagar, Mohali, Punjab-160062, India
(72)**Name of Inventor :**
1)Asit K. Chakraborti
2)Babita Tanwar
3)Pradeep S. Jadhavar

(57) Abstract :
The present invention provides a process for the synthesis of 1, 2-diamines having formula (A) via ring opening reaction of N-substituted aziridine with amines in the presence of water and a catalyst.

No. of Pages : 34 No. of Claims : 13

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

(21) Application No.3742/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WATER TURBINE AND POWER PLANT USING THE SAME

(51) International classification :F03B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)MAO XUEXIANG
Address of Applicant :Qingqiao village ,Henghe town,Cixi City, City Ningbo Prov Zhejiang China
(72)**Name of Inventor :**
1)MAO XUEXIANG

(57) Abstract :
The invention discloses an energy-saving generating plant, in particular relates to a water turbine and a power plant using the same, which comprises a machine body (13). A wheel axle (11) is arranged inside the machine body (13), a water inlet (14) and a water outlet (15) are arranged on the machine body (13), and a water tank (12) is arranged on the wheel axle (11) and driven by the water spraying out of the water inlet. The advantages of the invention is that: the power plant using the water turbine according to the invention is able to drive the water tank and then drive a generator to generate power by the gravity of the water in the water tank above the water turbine, thereby achieving power generation with water without river limit. The water turbine is applicable for the area where it is not suitable to build a hydroelectric power plant directly using a river, and has such advantages as simple structure and easy control

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.457/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WINDSCREEN WIPER DEVICE

(51) International classification :B60S1/38
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/062286
Filing Date :26/06/2012
(87) International Publication No :WO 2014/000768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FEDERAL MOGUL S.A.
Address of Applicant :Avenue Champion B 6790 Aubange Belgium
(72)**Name of Inventor :**
1)BOLAND Xavier

(57) Abstract :
A windscreen wiper device (1) of the flat blade type particularly for automobiles comprising an elastic elongated carrier element as well as an elongated wiper blade (2) of a flexible material which can be placed in abutment with a windscreen to be wiped which wiper blade (2) includes opposing longitudinal grooves (3) on its longitudinal sides in which grooves (3) spaced apart longitudinal strips (4) of the carrier element are disposed which windscreen wiper device (1) comprises a connecting device (5) for an oscillating arm wherein said oscillating arm can be pivotally connected to said connecting device (5) about a pivot axis near one end thereof with the special feature that said connecting device (5) is connected to at least one longitudinal strip (4) by at least one pin (13) cooperating with a hole (15) provided in said longitudinal strip (4) wherein said pin (13) is movable from a first position wherein said pin (13) in a pre mounted position is fixed to said connecting device (5) into a second position wherein said pin (13) in a mounted position as a single constructional element is interconnecting said connecting device (5) and said longitudinal strip (4).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.3412/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SELECTOR DEVICE FOR ADJUSTING PEDAL TRAVEL TO OPERATE TRACTOR IN SINGLE OR DUAL CLUTCH.

(51) International classification :F02F
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)ESCORTS LIMITED
Address of Applicant :AGRI MACHINERY GROUP, 18/4, MATHURA ROAD, FARIDABAD-121007 Haryana India
(72)**Name of Inventor :**
1)S.K. GARG
2)R. K. SINGHAL
3)B.C. BISWAS

(57) Abstract :
This invention relates to a selector device for adjusting pedal travel to operate tractor in single/dual clutch comprising of a bolt, tightening of which to a particular limit for adjustment of the clutch pedal travel to desired limit for operating the tractor in single clutch and a stopper for operating the tractor in dual clutch.

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

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

(21) Application No.3412/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A HIGH ENERGY COMPOSITE FRUIT AND VEGETABLE BASED BAR WITH THIRST QUENCHING AND NUTRACEUTICAL PROPERTIES AND A PROCESS FOR PREPARATION THEREOF

(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 :**
1)Director General, Defence Research and Development Organization
Address of Applicant :Ministry of Defence, Govt. of India, Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi 110011 India
(72)**Name of Inventor :**
1)CHAUHAN, Om Prakash
2)YADAV, Ashish
3)NAGARAJ, Roopa
4)STOBDAN, Tsering
5)RAJU, Pakalapati Srinivas
6)SRIVASTAVA, Ravi Bihari

(57) Abstract :
The present invention provides for a high energy composite fruit and vegetable based bar with thirst quenching and nutraceutical properties and a process for preparation thereof. The high energy composite fruit and vegetable bar composition includes fruit pulp, vegetable pulp, carbohydrates, unsaturated fatty acid, Hemidesmus indicus extract, pectin, soy protein isolate, one or more vitamins, L-carnitine, and L-caffeine. The high energy composite fruit and vegetable bar disclosed by the present invention is rich in calories, fibers, proteins, caroteniods, flavonoids, phenolics, vitamins along with thirst quenching and nutraceutical properties with no side effects. The high energy composite fruit and vegetable bar is very useful to athletes, army personnel and others involved in rigorous physical activities.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3412/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DISTRIBUTED MAPPING FUNCTION FOR LARGE SCALE MEDIA CLOUDS

(51) International classification :G06F9/50,H04L29/08
(31) Priority Document No :11290521.1
(32) Priority Date :11/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/070101
Filing Date :11/10/2012
(87) International Publication No :WO 2013/068194
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)**Name of Inventor :**
1)WAHL Stefan
2)SATZKE Klaus
3)STEIN Manuel

(57) Abstract :
The present document relates to cloud computing. In particular the present document relates to methods and systems for cloud computing which enable the efficient and flexible placement of application components within a cloud.A computing device (101) adapted for distributed cloud computing is described. The computing device (101) is positioned in a first topological area (102);the computing device (101) comprises a topological list (602) indicating a plurality of reference computing devices positioned in a plurality of topological areas (102) other than the first topological area (102) respectively;the computing device (101) comprises a local resource list (601) indicating available computing resources of the computing device (101) and at least one neighbor computing device (101) positioned in a neighborhood of the computing device (101); upon receiving a component placement request for a component (703) of an application (700) the computing device (101) is adapted to determine based on the topological list (602) if the component (703) is to be placed in the first topological area (102) or in one of the plurality of topological areas (102) other than the first topological area (102);if it is determined that the component (703) is to be placed in one of the plurality of topological areas other than the first topological area pass the component placement request to the reference computing device of the respective topological area of the plurality of topological areas other than the first topological area; and if it is determined that the component (703) is to be placed in the first topological area (102) identify from the local resource list (601) a selected computing device having the computing resources for executing the component of the application.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.462/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CHEMICAL COMPOSITION SENSITIVE TO TEMPERATURE VARIATIONS AND METHOD OF PRODUCTION AND USE THEREOF.

(51) International classification	:C09D11/00,G01K11/14,H01F1/00
(31) Priority Document No	:VR2012A000168
(32) Priority Date	:10/08/2012
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:PCT/IB2013/056493 :08/08/2013
(87) International Publication No	:WO 2014/024162
(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)MANDELLI Marco
Address of Applicant :Via Strada Piccola 26 Nago Torbole I 38069 Trento Italy
(72)**Name of Inventor :**
1)MANDELLI Marco

(57) Abstract :
The present invention relates to a magnetizable chemical composition comprising at least one polar solvent (4) selected from the group comprising an alcohol with a number of carbon atoms from C8 to C14 polytetrahydrofuran or a mixture thereof; a ferromagnetic component including a plurality of magnetizable particles (1) of Stable Single Domain (SSD) type selected from the group comprising magnetite substituted magnetite and/or ferrite in an amount from 5 to 15% by volume of solvent and having a diameter from about 20 nm to 50 nm; and a polymer component (2) including polyvinyl butyral (PVB) or polyvinyl butyral vinyl alcohol vinyl acetate copolymer in a percentage from 3 to 15% by volume of solvent the polymeric component being shaped as a net or mesh and delimiting a plurality of housing cells or zones (3) in each of which one of said particles (1) is housed immersed in the polar solvent (4). The present invention also related to a method of obtaining such a composition a microcapsule comprising the composition an ink comprising the microcapsules and a method of testing a product marked with such ink.

No. of Pages : 40 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/11/2012

(21) Application No.3400/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IDENTIFICATION OF CASHMERE (PASHMINA) FIBRE FROM PROCESSED TEXTILE PRODUCTS BY PCR-BASED TECHNIQUE •

(51) International classification :D06N1/00
(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)INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)
Address of Applicant :Krishi Bhavan Dr. Rajendra Prasad Road New Delhi 110114 India.
(72)**Name of Inventor :**
1)Rajiv Kumar
2)DB Shakyawar
3)P K Pareek
4)L L L Prince
5)Amar Singh Meena
6)Satish Kumar
7)A S M Raja
8)Sarfraz A Wani
9)S A Karim

(57) Abstract :
Pashmina (cashmere) is well known for its fineness, warmth, softness, desirable aesthetic value and elegance. Due to limited availability and inability to distinguish fine quality sheep wool and Pashmina fibre, adulteration and false declaration became a common practice by manufacturer. Keeping in view the importance, a suitable qualitative PCR-based method has been developed, which could detect Sheep origin fibre in Pashmina blended fabrics. The invention definitely provides a quality control measure which would be helpful in trade and commerce of Pashmina fibre industry

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3400/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LIGHTWEIGHT STEEL DOOR FOR VEHICLE AND METHOD FOR MANUFACTURING THE SAME

(51) International classification :B60J5/04
(31) Priority Document No :61/541568
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058272
Filing Date :01/10/2012
(87) International Publication No :WO 2013/049801
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ARCELORMITTAL INVESTIGACION Y DESARROLLO S.L.
Address of Applicant :6 Calle Chavarri Sestao Spain
(72)**Name of Inventor :**
1)SCHURTER Paul
2)LIM Timothy
3)DOLAN Paul
4)SHARIFI Hamed

(57) Abstract :
A vehicle door assembly comprises an inner panel (12) in the form of a frame portion. The frame portion (28) comprises opposite front and rear U-shaped side frame members (281, 282) non-detachably attached to each other by upper and lower intermediate frame members (283, 284) so as to form a continuous perimeter. The side frame members are made of a first steel material and the intermediate frame members made of a second steel material, which is different from the first steel material. A method for manufacturing the inner panel comprises providing U-shaped sheets (52F, 52R) of the first steel material, providing top and bottom sheets (54T , 54B) of the second steel material, non-detachably connecting the U-shaped sheets to the top and bottom sheets so as to form a blank, and stamping the blank into the frame portion.

No. of Pages : 43 No. of Claims : 33

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

(21) Application No.3703/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APTAMERS SPECIFIC FOR BETACASOMORPHIN7 (BCM7)

(51) International classification :A23C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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 (ICAR)
Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110001, INDIA
(72)**Name of Inventor :**
1)RAJPUT, YUDHISHTHIR SINGH
2)ABHISHEK
3)SHARMA, RAJAN

(57) Abstract :
Fifteen aptanersa gainst betacasomorphin7 (BCM7) are selected employiigS ELEX. These aptamers have different structural motif or G-quadruplex or other features. The dissociatiol constants of aptamer-BCM7 are in nanoinolar range indicating their higher affinity for target. Ihe aptamers can be used as recognition eleinents for developing methods for detection of BCM7 in urine and blood as well as for ascertaining whether milk is A1 or A2 in nature. These aytamers call also be used as therapeutic agent for overcomilgil l effect of BCM7. r Director, J National Dairy Research Institute (Indian Council of Agricultural Research) Krishi Bhawan, New Delhi-110001, India Cirarctor xiond Dairy Rr,sa3nrch ns+ihl+r Kard-132001O -InqrRnn)

No. of Pages : 25 No. of Claims : 10

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

(21) Application No.3705/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MICROBIOCIDAL PYRROLIDINE DERIVATIVES

(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 :**
1)SYNGENTA PARTICIPATIONS AG
Address of Applicant :SCHWARZWALDALLEE 215, BASEL, CH-4058, SWITZERLAND
(72)**Name of Inventor :**
1)BOU HAMDAN FARHAN
2)GODFREY CHRISTOPHER RICHARD AYLES
3)GOPALSAMUTHIRAM VIJAYAGOPAL RAMAN
4)KIDLEY NATHAN
5)MAHAJAN ATUL
6)STENTA MARCO
7)TRAH STEPHAN

(57) Abstract :
Compounds of the formula I wherein the substituents are as defined in claim 1, are useful as a pesticides especially 10 fungicide.

No. of Pages : 62 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.470/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

(51) International classification :F02B39/00,F02B37/00,F02C6/12
(31) Priority Document No :102012013659.5
(32) Priority Date :10/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/US2013/049221
Filing Date :03/07/2013
(87) International Publication No :WO 2014/011467
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BORGWARNER INC.
Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A.
(72)**Name of Inventor :**
1)SCHUMNIG Oliver
2)DUECKER SCHULZ Thomas
3)KREWINKEL Robert

(57) Abstract :
The present invention relates to an exhaust gas turbocharger (1) comprising a bearing housing (2) a shaft (5) mounted in the bearing housing (2) a turbine wheel (6) which is arranged on the shaft (5) a compressor wheel (7) which is arranged on the shaft (5) and a wheel side space (10) between a rear wall (8) of the turbine wheel (6) or compressor wheel (7) and an outer surface (11) which faces toward the rear wall (8) of the bearing housing (2) wherein in the outer surface (11) of the bearing housing (5) there is formed at least one groove (13,18) for disrupting the flow generated by the rotating rear wall (8).

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2513/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SELF-CLEANING TONER COMPOSITION

(51) International classification :C11D
(31) Priority Document No :14/033,224
(32) Priority Date :20/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)XEROX CORPORATION
Address of Applicant :45 Glover Avenue, P.O. Box 4505, Norwalk, Connecticut 06856-4505 U.S.A.
(72)**Name of Inventor :**
1)MORALES-TIRADO, JUAN A.
2)MANG, Mark E.
3)ZONA, Michael F.
4)KUMAR, Samir
5)LaFica, Susan J.

(57) Abstract :
Toner compositions that having spherical particles and provide stable density. The toner compositions also comprise and deliver a silicone oil to the cleaning subsystem in the image forming apparatus by incorporating an inorganic fine powder additive package that has been mixed with silicone oil in a manner such that the toner is blended with the inorganic fine powder and silicone oil.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2514/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ACTUATOR AND VALVE ARRANGEMENT

(51) International classification :F01L9/02
(31) Priority Document No :61/879,523
(32) Priority Date :18/09/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BORGWARNER INC.
Address of Applicant :Patent Department, 3850 Hamlin Road, Auburn Hills, Michigan 48326 U.S.A.
(72)**Name of Inventor :**
1)TELEP, Robert J.
2)BUSATO, Murray F.

(57) Abstract :
A number of variations may include an actuator and valve arrangement.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.2660/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ROTARY STOP

(51) International classification :A47J
:PI
(31) Priority Document No 102012023701-9
(32) Priority Date :16/09/2013
(33) Name of priority country :Brazil
(86) International Application No :NA
Filing Date :NA
(87) 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)VALE S.A.
Address of Applicant :AVENIDA GRACA ARANHA, 26, CENTRO CEP: 20030-001 RIO DE JANEIRO RJ, Brazil
(72)**Name of Inventor :**
1)ALEX ZANETTE DA ROCHA
2)MARCELO LUIZ AVANCINI
3)GERSON NORBERTO
4)ROMEU FERREIRA

(57) Abstract :
Patent for STOP ROTATING Discloses a rotation stop (Figure 2) for the grill cleaners (Photo 2), each grill cleaner (Photo 2) formed by a beam (point 21) attached to an articulated point (point 22) and provided support (point 30) disposed near a first end (point 23) of the beam (point 21) and cooperating with lower portions of the grid (point 40). The rotary stop (point 10) comprises a bearing (points 11, 11) associated with a second end (paragraph 24) of the beam (point 21) and receives a roller (item 12) cooperating with 10 elements (paragraph 51) of a trigger (item 50)

No. of Pages : 12 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(21) Application No.2731/DEL/2014 A
(19) INDIA
(22) Date of filing of Application :23/09/2014
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELECTRICAL DEVICE CONNECTOR

(51) International classification	:H01R 13/52
(31) Priority Document No	:2013-210661
(32) Priority Date	:08/10/2013
(33) Name of priority country	:Japan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Kabushiki Kaisha Toshiba
Address of Applicant :1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan
(72)**Name of Inventor :**
1)MIYAUCHI Yasuhisa
2)MATSUZAKI Jun
3)TAGAYA Osamu
4)YASUDA Kohei

(57) Abstract :
The electrical device connector is characterized by including: a first central conductor in which a first concave portion is provided; a first insulation layer provided around the first central conductor; a second central conductor in which a second concave portion is provided; a second insulation layer provided around the second central conductor; a flexible insulator provided between the first insulation layer and the second insulation layer; and a barrel-shaped contact provided in a space portion formed by the first concave portion and the second concave portion, wherein the barrel-shaped contact is configured to include: a center electrode; a plurality of contact pieces including one contact surface coming in contact with an inner surface of the first concave portion and the other contact surface coming in contact with an inner surface of the second concave portion, across an intermediate portion as a boundary; and contact load springs provided between the contact piece and the center electrode.

No. of Pages : 31 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2014

(21) Application No.3351/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DIGITAL ACOUSTIC SYSTEM

(51) International classification :H04R3/00
(31) Priority Document No :2011233937
(32) Priority Date :25/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/077570
Filing Date :25/10/2012
(87) International Publication No :WO 2013/062038
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TRIGENCE SEMICONDUCTOR INC.
Address of Applicant :4 13 5 Sotokanda Chiyoda ku Tokyo 1010021 Japan
(72)**Name of Inventor :**
1)YASUDA Akira
2)OKAMURA Jun ichi

(57) Abstract :
Provided is a digital acoustic system comprising: a ΔΣ modulator that modulates a digital input signal and outputs a digital signal; a post filter that is connected to the ΔΣ modulator and which performs mismatch shaping to convert the digital signal; a parallel serial converter that converts the digital signal converted by the post filter into a digital signal which is serially transmitted; a serial parallel converter that restores the digital signal converted by the parallel serial converter; and a drive circuit which receives the digital signal restored by the serial parallel converter and drives drive elements to convert the signal into an analog audio signal.

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.474/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DATA REFINING ENGINE FOR HIGH PERFORMANCE ANALYSIS SYSTEM AND METHOD

(51) International classification :G06F17/00,G06F15/16
(31) Priority Document No :61/675492
(32) Priority Date :25/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052108
Filing Date :25/07/2013
(87) International Publication No :WO 2014/018781
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIX CORPORATION
Address of Applicant :17723 SE 58th Pl Bellevue WA 98006 U.S.A.
(72)**Name of Inventor :**
1)KALIKIVAYI Satyanarayana Rao
2)ZAHOOR Mohammed J.
3)PARTHASARATHY Sanjay

(57) Abstract :
Price and product attributes from webpages are analyzed over time to identify price changes specific to products on individual webpages and for products across all webpages as well as to identify longitudinal correlations between price changes and product attributes. Users may search the data and set alerts.

No. of Pages : 49 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/09/2014

(21) Application No.2533/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VALVE OPENING DEVICE FOR OPENING VALVE SACKS

(51) International classification :b65b
(31) Priority Document No :102013016924.0
(32) Priority Date :12/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BEUMER GMBH & CO. KG
Address of Applicant :Oelder Strae 40, 59269 Beckum, GERMANY
(72)**Name of Inventor :**
1)Ralf Aufenvenne

(57) Abstract :
A valve opening device for opening valve sacks, with a valve opening duct delimited by duct walls facing one another and extending in a longitudinal direction and a drive means disposed adjacent to the valve opening duct for moving a valve sack in the longitudinal direction in the valve opening duct, wherein at least one duct wall is provided with at least one suction port, which is connected to a suction means to generate a partial vacuum in the valve opening duct relative to an ambience outside the valve opening duct, with which suction means air can be extracted from the valve opening duct.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2014

(21) Application No.2609/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WATER HEATING APPARATUS

(51) International classification :F24H
(31) Priority Document No :PI 2013701659
(32) Priority Date :13/09/2013
(33) Name of priority country :Malaysia
(86) International Application No :NA
Filing Date :NA
(87) 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)O.Y.L. RESEARCH & DEVELOPMENT CENTRE SDN BHD
Address of Applicant :Lot 60334, Persiaran Rahman Putra 3, Taman Perindustrian Bukit Rahman Putra, 47000 Sg. Buloh, Selangor, MALAYSIA
(72)**Name of Inventor :**
1)HONG, Poh Hong
2)AZIZ, Mohd Anuar Abd

(57) Abstract :
Apparatus for water heating comprises a container (1) and an inner partition (6) wherein the inner partition allows a heating means to be configured in the form of coaxial coils wherein a first coil is disposed inside the inner partition and a second coil is encircled the exterior of the inner partition. The container (1) includes a drainage port (7) disposed at the bottom centre of the tank to allow water to be drained out. The inner partition is provided inside the container to improve heat exchanging process and thermal stratification between hot and cold water in the container.

No. of Pages : 16 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/09/2014

(21) Application No.2778/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ENERGY SUPPLY DEVICE FOR EXPLOSION-PROOF ELECTRONIC FUNCTIONAL UNITS •

(51) International classification :H01F 27/26
(31) Priority Document No :202013008747.1
(32) Priority Date :01/10/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABB TECHNOLOGY AG
Address of Applicant :Affolternstrasse 44, 8050 Zurich, SWITZERLAND
(72)**Name of Inventor :**
1)RAINER KRETSCHMANN
2)RALF SCH„FFER
3)THOMAS KEUL

(57) Abstract :
The invention relates to an energy supply device for explosion-proof electronic functional units, in which the functional units are supplied from a high-frequency AC voltage which is individually output for each of the functional units via an inductor. In order to supply a multiplicity of functional units with little effort, it is proposed to make the inductors (1) in the form of substantially congruent conductor tracks (2) of a multilevel printed circuit board (3) which are connected to one another and to arrange them vertically on a distribution printed circuit board (4), the number of metallization planes of the multi-level printed circuit board (3) being greater than the number of metallization planes of the distribution printed circuit board (4). Accompanying figure

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

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

(21) Application No.287/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INDOLIZINE BASED COMPOUNDS USEFUL AS POTENTIAL PHOSPHODIESTERASE3 (PDE3) INHIBITORS AND A PROCESS FOR THE PREPARATION THEREOF

(51) International classification :C07D451/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA.
(72)**Name of Inventor :**
1)BUDDE MAHENDAR
2)SAIDULU MATTAPALLY
3)METTU RAVINDER
4)SANJAY KUMAR BANERJEE
5)VAIDYA JAYATHIRTHA RAO

(57) Abstract :
A device (108) for use in monitoring operation of a plurality of system assets (102) includes a storage device configured to store a model (200) of a plurality of system assets and a processor (1 24) coupled to the storage device. The processor is configured to receive data representative of a status of the system assets, and display, in a first display state, a plurality of asset images (202) representative of the system assets using the model. The processor is also configured to display, in a second display state, a first asset image of the asset images within the display upon a determination that the system asset represented by first asset image is in an alarm state, and display, in a third display state, the remaining asset images within the display upon a determination that the system assets represented by the remaining asset images are not in an alarm state.

No. of Pages : 29 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.473/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ADAPTIVE GATHERING OF STRUCTURED AND UNSTRUCTURED DATA SYSTEM AND METHOD

(51) International classification :G06F17/00
(31) Priority Document No :61/675492
(32) Priority Date :25/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052106
Filing Date :25/07/2013
(87) International Publication No :WO 2014/018780
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIX CORPORATION
Address of Applicant :17723 SE 58th Pl Bellevue WA 98006 U.S.A.
(72)**Name of Inventor :**
1)KALIKIVAYI Satyanarayana Rao
2)MUPPALLA Rajesh
3)PARTHASARATHY Sanjay

(57) Abstract :
Content is obtained from a webpage accessed via a URI which URI is obtained from a URI queue. The content is parsed for price and product information according to a parse map with the resulting parse result being stored. The priority of URIs in the URI queue is adjusted based on analysis of the parse result for changes in price and product attributes and according to other criteria. The parse map may be one associated with the URI or a general purpose parse maps. The parse result may be validated by human and machine based systems including by graphically labeling price and product information in the content for human confirmation or correction.

No. of Pages : 46 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/08/2014

(21) Application No.2456/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SETTING COMPARING DEVICE, SETTING COMPARING METHOD, AND DISPLAY DEVICE OF TEXTILE MACHINE, AS WELL AS AUTOMATIC YARN WINDING MACHINE AND SPINNING MACHINE

(51) International classification :G06F
(31) Priority Document No :2013-215014
(32) Priority Date :15/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Murata Machinery, Ltd.
Address of Applicant :3 Minami Ochiai-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8326, Japan
(72)**Name of Inventor :**
1)HAYASHI Shigeru
2)NOMA Eiji
3)NISHIYAMA Yoshihiro
4)HONDA Tomoyuki

(57) Abstract :
Amachine control device (11) includes anacquiring section (35), a comparing section (36), and a touch screen (13). The acquiring section (35) acquires a setting set in which setting contents of a 10 plurality of setting items associated with a yarn processing are collectively named (lot name). The comparing section (36) compares the setting contents of a plurality of setting sets acquired by the acquiring section (35) for each setting item. The touch screen (13) announces the result ofthe comparisonby the comparing section (36).

No. of Pages : 40 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/09/2014

(21) Application No.2608/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR THE CONTINUOUS PRODUCTION OF AN ENDLESS STRING OF POLYURETHANE REACTIVE PLASTIC MATERIAL

(51) International classification :B29C69/00
(31) Priority Document No :10 2013 015 321.2
(32) Priority Date :17/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Hennecke GmbH
Address of Applicant :Birlinghovener Strasse 30, 53757 Sankt Augustin, GERMANY
(72)**Name of Inventor :**
1)SCHAMBERG, Martin
2)KRUPP, Martin

(57) Abstract :
The invention relates to a method for the continuous production of an endless string of polyurethane reactive plastic material, a) at which at first the reactive components are conveyed to a mixer (1) in a metered manner, b) at which then the reactive components are mixed in the mixer (1) to a reactive mixture, c) at which subsequently the reactive mixture is discharged and d) at which a first sheet section (BM) made from a plane, flexible material which is conveyed continuously into a transporting direction (T) is coated with the reactive mixture. To produce a high qualitative string with high homogeneity the invention proposes the steps: e) Guiding of the first sheet section (BM) across a guiding element (2), which has a concave formed section (3) and a flat section (4) which follows the concave formed section (3) in transporting direction (T); f) Feeding of two lateral sheet sections (BL, BR) to the first sheet section (BM), wherein the feeding occurs into the two lateral end sections of the first sheet section (BM); g) Merging of the two lateral sheet sections (BL, BR) and the first sheet section (BM) so that a bowl-shaped structure is formed for the reception of the reactive mixture which is moved continuously in transporting direction (T).

No. of Pages : 31 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2014

(21) Application No.3368/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COPPER ALLOY FOR ELECTRONIC/ELECTRIC DEVICE COPPER ALLOY THIN PLATE FOR ELECTRONIC/ELECTRIC DEVICE METHOD FOR MANUFACTURING COPPER ALLOY FOR ELECTRONIC/ELECTRIC DEVICE AND CONDUCTIVE PART AND TERMINAL FOR ELECTRONIC/ELECTRIC DEVICE

(51) International classification :C22C9/04,C22F1/08,H01B1/02
(31) Priority Document No :2012001177
(32) Priority Date :06/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/050004
Filing Date :04/01/2013
(87) International Publication No :WO 2013/103149
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI MATERIALS CORPORATION
Address of Applicant :3 2 Otemachi 1 chome Chiyoda ku Tokyo 1008117 Japan
2)MITSUBISHI SHINDOH CO. LTD.
(72)**Name of Inventor :**
1)MAKI Kazunari
2)MORI Hiroyuki

(57) Abstract :
Provided is a copper alloy comprising by mass% Zn at greater than 2.0% and 36.5% or less Sn at 0.1% to 0.9% Ni at 0.05% or more and less than 1.0% Fe at 0.001% or more and less than 0.10% P at 0.005% to 0.10% and the remainder including Cu and inevitable impurities wherein in atomic ratio 0.002=Fe/Ni<1.5 3<(Ni+Fe)/P<15 and 0.3<Sn/(Ni+Fe)<5 are satisfied as the content ratio of the elements the average particle size of a phase crystal particles including Cu Zn and Sn is 0.1 to 50 μm and a deposit comprising Fe and/or Ni and P is included.

No. of Pages : 76 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.476/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DISPLAY APPARATUS AND CONTROL METHOD THEREOF

(51) International classification :G09G5/00,H04N5/44,H04N5/45
(31) Priority Document No :1020120072306
(32) Priority Date :03/07/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/003325
Filing Date :19/04/2013
(87) International Publication No:WO 2014/007458
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)KIM Ji won
2)CHOI Young hun

(57) Abstract :
A display apparatus includes: a display; an image receiver which receives image signals from a plurality of image sources; a main controller which performs a control function to generate a main image which corresponds to any one of the received image signals; and a graphics controller which performs a control function to generate source information related to a connected image source through the image receiver and to display an image which corresponds to the received image signal in the source information.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014
(21) Application No.2515/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR CLEANING A FILTER ON A DRAW FRAME AND DRAW FRAME HAVING AN EXHAUST SYSTEM

(51) International classification :C11D
(31) Priority Document No :10 2013 110 269.7
(32) Priority Date :18/09/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Rieter Ingolstadt GmbH
Address of Applicant :Friedrich-Ebert-Strasse 84, 85055 Ingolstadt, GERMANY
(72)**Name of Inventor :**
1)Holm Ghler
2)Daniel Schmolke

(57) Abstract :
The invention relates to a method for cleaning a filter (21) on a draw frame and a draw frame for drafting one or more slivers (FB) and having a controller (13) for controlling work processes of the draw frame (1) and having an exhaust system (3) for exhausting dust and/or dirt particles released during work processes, the exhaust system (15) comprising an exhaust fan (17) for generating a suction flow (S) and a filter (21) for filtering out dust and/or dirt particles from the suction flow (S). The invention proposes that a dirt collecting surface (31) of the filter (21) upstream with respect to the suction flow (S) is associated with at least one blast nozzle (32) supplied with compressed air for generating a cleaning flow (R) flowing along the dirt collecting surface (31) of the filter (21).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/09/2014

(21) Application No.2516/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DRIVEN HATCH ARRANGEMENT FOR A MOTOR VEHICLE

(51) International classification :B63B
(31) Priority Document No :13 188 489.2
(32) Priority Date :14/10/2013
(33) Name of priority country :EPO
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IMS GEAR GMBH
Address of Applicant :Heinrich-Hertz-Str. 16, 78166 Donaueschingen, GERMANY
(72)**Name of Inventor :**
1)HAGEDORN Geinz Gert
2)KIENINGER Matthias

(57) Abstract :
A driven hatch arrangement is provided, particularly a rear hatch arrangement, for a motor vehicle with a hatch and with a hatch drive (10) for opening and/or closing the hatch, with the hatch drive (10) comprising a motor (100) with a motor shaft (1 02) and a motor pinion (200) and at least one planetary gear with a sun gear, planetary carriers (311, 321) with planetary rolling elements (313, 323) arranged on bearing pins (311, 322), and an annulus, with the sun wheel of the planetary gear being formed by the motor pinion (200) and a driven shaft (314, 324) being driven via the planetary gear, in which the motor pinion (200) is slid onto the motor shaft (102).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/09/2014

(21) Application No.2739/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TRIP DEVICE FOR CIRCUIT BREAKER

(51) International classification :H01H
(31) Priority Document No :10-2013-0124178
(32) Priority Date :17/10/2013
(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

(71)**Name of Applicant :**
1)LSIS CO., LTD
Address of Applicant :127, LS-ro, Dongan-gu, Anyang-si, Gyeonggi-do 431-848, Republic of Korea
(72)**Name of Inventor :**
1)Ki Hwan OH

(57) Abstract :
A trip device for a circuit breaker includes: a crossbar rotatably installed to perform the trigger function; and bimetal that is curved upon the occurrence of an abnormal current and presses and rotates the crossbar by means of a gap adjustment member. The crossbar is movable in the direction of a rotating shaft of the crossbar, and the gap adjustment member is attached to and detached from either the crossbar or the bimetal at varying angles so that a contact surface is parallel or at an angle to the direction of movement of the crossbar.

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2014

(21) Application No.3447/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PREPARING 1 (4 (4 (3 4 DICHLORO 2 FLUOROPHENYLAMINO) 7 METHOXYQUINAZOLIN 6 YLOXY)PIPERIDIN 1 YL) PROP 2 EN 1 ONE HYDROCHLORIDE AND INTERMEDIATES USED THEREIN

(51) International classification :C07D401/12,A61K31/517
(31) Priority Document No :1020110101422
(32) Priority Date :05/10/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/008077
Filing Date :05/10/2012
(87) International Publication No :WO 2013/051883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HANMI SCIENCE CO. LTD.
Address of Applicant :550 Dongtangiheung ro Dongtan myeon Hwaseong si Gyeonggi do 445 813 Republic of Korea
(72)**Name of Inventor :**
1)BANG Keuk Chan
2)MOON Young Ho
3)CHANG Young Kil

(57) Abstract :
The present invention relates to an improved method for preparing l-(4-(4-(3,4-dichloro-2-fluorophenylamino)-7- methoxyquinazolin-6-yloxy)piperidin-l-yl)-prop-2-en-l-one hydrochloride, which selectively and effectively inhibits the growth of cancer cells induced by over-expression of an epidermal growth factor receptor (EGFR) and prevents the development of drug resistance caused by mutation of a tyrosine kinase, and intermediates used therein.

No. of Pages : 25 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.483/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LAP WELDED MEMBER AUTOMOBILE COMPONENT METHOD FOR WELDING LAPPED PART AND METHOD FOR MANUFACTURING LAP WELDED MEMBER

(51) International classification	:B23K11/16,B23K11/11,B23K11/36
(31) Priority Document No	:2012178691
(32) Priority Date	:10/08/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/071841 :12/08/2013
(87) International Publication No	:WO 2014/025063
(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)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)OKADA Tohru
2)UEDA Hideki

(57) Abstract :
A lap welded member formed by joining lapped parts of a plurality of steel sheet members at a spot welding part (10) wherein: at least one of the steel sheet members contains martensite; and the spot welding part (10) comprises a nugget (12) formed by spot welding a heat affected part formed around the nugget (12) a most softened part having the lowest Vickers hardness in the heat affected part and a tempered area which is formed between the center of the nugget and the most softened part and comprises tempered martensite and the Vickers hardness of which is not more than 120% regarding the Vickers hardness of the most softened part as 100%. By using this structure the peel strength at the spot welding part can be improved.

No. of Pages : 80 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/04/2014

(21) Application No.3116/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OIL DETERIORATION DETERMINATION DEVICE FOR INTERNAL COMBUSTION ENGINE

(51) International classification	:F01M11/10
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/JP2011/005894 :20/10/2011
(87) International Publication No	:WO 2013/057768
(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)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan
(72)**Name of Inventor :**
1)ITO Yusuke

(57) Abstract :
An EFI-ECU (41) estimates the amount of a sludge precursor accumulated in an oil pan (4) on the basis of the temperature and the fuel injection amount for an engine (1). In particular the EFI-ECU (41) calculates the amount of fuel injected into the combustion chamber (7) of the engine (1) for each fixed detection period that includes an instance of detection and estimates the amount of sludge precursor accumulated in the oil pan (4) on the basis of the calculated value for the amount of accumulated sludge precursor per unit amount of fuel which is calculated on the basis of the current temperature of the engine (1) and the calculated value for the amount of fuel injected during the detection period from the previous instance of detection to the current instance of detection and when this amount of accumulated sludge precursor reaches or exceeds a fixed value it is determined that the engine oil (O) has deteriorated.

No. of Pages : 32 No. of Claims : 6

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

(21) Application No.3220/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MEDICINAL AGENT RESPONSIVE TO METAL SALEN COMPLEX COMPOUND AND SYSTEM FOR CONTROLLING IN VIVO BEHAVIOR OF METAL SALEN COMPLEX COMPOUND

(51) International classification	:A61K45/00,A61K31/16,A61K31/375
(31) Priority Document No	:2011220449
(32) Priority Date	:04/10/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/073900 :19/09/2012
(87) International Publication No	:WO 2013/051389
(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)IHI CORPORATION
Address of Applicant :1 1 Toyosu 3 chome Koto ku Tokyo 1358710 Japan
(72)**Name of Inventor :**
1)ISHIKAWA Yoshihiro

(57) Abstract :
Provided are: a medicinal agent responsive to a metal salen complex compound which can neutralize the cytotoxity of the metal salen complex compound and has a detoxifying activity; and a system for controlling the behavior of a metal salen complex compound. The medicinal agent responsive to a metal salen complex compound contains a metal chelating agent in an amount that is effective for inhibiting adverse side effects of the metal salen complex compound.

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

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

(21) Application No.3222/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR MEASURING STABLE HEMOGLOBIN A1C USING LIQUID CHROMATOGRAPHY AND METHOD FOR SIMULTANEOUS MEASUREMENT OF STABLE HEMOGLOBIN A1C AND ABNORMAL HEMOGLOBIN USING LIQUID CHROMATOGRAPHY

(51) International classification	:G01N30/88,G01N30/32,G01N30/56
(31) Priority Document No	:2011214993
(32) Priority Date	:29/09/2011
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/074652 :26/09/2012
(87) International Publication No	:WO 2013/047563
(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)SEKISUI MEDICAL CO. LTD.
Address of Applicant :13 5 Nihonbashi 3 chome Chuo ku Tokyo 1030027 Japan
(72)**Name of Inventor :**
1)OISHI Kazuyuki

(57) Abstract :
The purpose of the present invention is to provide a method for measuring stable hemoglobin A1c in a short time and in a highly reproducible manner using liquid chromatography. The present invention is a method for measuring stable hemoglobin A1c using liquid chromatography wherein a filter the surface of which has been treated with a solution containing 1 50 weight% of silicone oil or a solution containing 1 50 weight% of silicone resin is placed on the channel of a liquid chromatograph and the pressure generated on the measurement system of the liquid chromatograph is set to 9.8 — 10 3 Pa to 19.6 — 10 5 Pa.

No. of Pages : 70 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015

(21) Application No.455/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CLEANABLE DIVERTER

(51) International classification :B65G47/52,B65G15/30,B65G47/46
(31) Priority Document No :61/668182
(32) Priority Date :05/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/048652
Filing Date :28/06/2013
(87) International Publication No :WO 2014/008135
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LAITRAM L.L.C.
Address of Applicant :Legal Department 200 Laitram Lane Harahan LA 70123 U.S.A.
(72)**Name of Inventor :**
1)GUERNSEY Kevin W.
2)LEE Brian R.
3)NAGEL Jorge E.

(57) Abstract :
A cleanable shoe type diverter belt having narrow translatable pushers forming article diverting shoes covering little or none of the belt s conveying surface. Cam followers on the shoes below the pushers follow selectively actuated or fixed guides under the belt to translate the shoes along a transverse track across the width of the belt. Cam followers of different lengths are programmed to follow different paths by multi level guides.

No. of Pages : 35 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.486/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SEMI SUBMERSIBLE PLATFORM WITH A STABILISING FIN AND OFFSHORE WAVE POWER PLANT INCORPORATING SUCH A PLATFORM

(51) International classification :B63B35/44,F03B13/18
(31) Priority Document No :12 56299
(32) Priority Date :29/06/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051491
Filing Date :26/06/2013
(87) International Publication No :WO 2014/001717
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RUIZ DIEZ Jos Antonio
Address of Applicant :24ter route de Saint Barthlmy F 76930 Octeville Sur Mer France
(72)**Name of Inventor :**
1)RUIZ DIEZ Jos Antonio

(57) Abstract :
A semi submersible platform (1) comprising: at least two longitudinal boxes (2) the boxes (2) having solid side walls (3,4) delimiting a central channel (5) which extends from a bow end (6) to a stern end (7) of the platform (1); at least one beam (10) transversely coupling the boxes (2); at least one stabilising fin (11) which extends transversely beyond the lower edges (9) of the boxes (2).

No. of Pages : 18 No. of Claims : 15

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

(21) Application No.2627/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LEVER-TYPE CONNECTOR •

(51) International classification :h01r
(31) Priority Document No :JP2013-209104
(32) Priority Date :04/10/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO WIRING SYSTEMS, LTD.
Address of Applicant :1-14 Nishisuehiro-cho, Yokkaichi, Mie 510-8503, Japan
(72)**Name of Inventor :**
1)KEISUKE TERAMOTO
2)SHOHEI MITSUI

(57) Abstract :
The number of parts is reduced while the workability of accommodating terminal fittings is improved. A lever-type connector (30) includes a terminal fitting (32), a lever (33) that has a cam groove (33c) for receiving a cam pin (13a) provided in a male connector (10) and brings the male connector (10) into a fitted state as the lever (33) is rotated from a standby position, from which the cam pin (13a) can advance further into the cam groove (33c), to a fitting position, and a housing (31) that has a terminal accommodating portion (34) for accommodating the terminal fitting (32) and a lever accommodating portion (35) for accommodating the lever (331, the housing (31) being arranged such that a back end surface (31a) of the housing (31) is flush with a back end surface (33g) of the lever (33) set to the fitting position or projects backward with respect to a back end surface (33g) of the lever (33) set to the fitting position.

No. of Pages : 51 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/04/2012

(21) Application No.3016/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEMS FOR EVALUATING DIETARY INTAKE AND METHODS OF USING SAME

(51) International classification :G06F 19/00
(31) Priority Document No :61/251,145
(32) Priority Date :13/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041709
Filing Date :12/07/2010
(87) International Publication No :WO 2011/046647
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC S.A.
Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(72)**Name of Inventor :**
1)ABRAMSKI, CATHERINE PATRICIA
2)CALLEN, CHERYL
3)PAC, SUSAN GERBERG
4)WARREN, STEFANI

(57) Abstract :
Systems and methods for ensuring that a child receives proper nutrition specific to the childs developmental stage or pre-existing condition are provided. In a general embodiment, the present disclosure provides systems including a client device having at least one database, which has stored food consumption information and child characteristic information. The database further includes stored nutrient and food group recommendation information, and a rating system. Processors are used to calculate an average daily nutrition value of a child based on the food consumption and child characteristic information, compare the average daily nutrition value to the nutrient and food group recommendation information, and output a rating score based on the comparison.

No. of Pages : 26 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3291/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DEVICE FOR FILTRATION DRYING AND STORAGE

(51) International classification :C07K1/34
(31) Priority Document No :11189343.4
(32) Priority Date :16/11/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/072581
Filing Date :14/11/2012
(87) International Publication No :WO 2013/072348
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany
(72)**Name of Inventor :**
1)KAULING Jrg
2)PTZ Andre
3)HAVEKOST Dirk
4)J–RG Peters

(57) Abstract :
The invention relates to a device for the filtration drying and storing of solid substances of a suspension (FDS unit) and to a method carried out in this installation for the downstream processing of a solid substance suspension in particular of crystallizable therapeutic proteins or active substances. The FDS unit designed for use as a disposable system is a device with which active substance crystals can be filtered dried stored and reconstituted in a non degrading and reliable way in a closed process i.e. without interim opening or decanting.

No. of Pages : 27 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.475/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CATALYSTS FOR THERMO CATALYTIC CONVERSION OF BIOMASS AND METHODS OF MAKING AND USING

(51) International classification :B01J29/40,B01J21/18,B01J21/08
(31) Priority Document No :61/674057
(32) Priority Date :20/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051374
Filing Date :19/07/2013
(87) International Publication No :WO 2014/015302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KIOR INC.
Address of Applicant :13001 Bay Park Road Pasadena TX 77507 U.S.A.
(72)**Name of Inventor :**
1)ADKINS Bruce
2)SCHUYTEN Stephen
3)SPRINGS Jerry Jon

(57) Abstract :
Disclosed are catalyst compositions including zeolite and silica components methods of making and processes of using in the thermo catalytic conversion of biomass. Such disclosed methods of making include: i) spray drying of the catalyst precursor slurry at a pH below 1 or ii) the removal of ions such as sodium from the binder material prior to spray drying the catalyst precursor slurry at a pH below 2.7 or iii) spray drying the catalyst precursor including a pore regulating agent followed by steam treating or iv) some combination of i) ii) and iii).

No. of Pages : 53 No. of Claims : 45

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.491/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR PREPARING A POLYETHYLENE RESIN

(51) International classification :C08F10/02,C08F4/6592
(31) Priority Document No :12178374.0
(32) Priority Date :27/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065562
Filing Date :24/07/2013
(87) International Publication No :WO 2014/016318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOTAL RESEARCH & TECHNOLOGY FELUY
Address of Applicant :Zone Industrielle C B 7181 Seneffe Belgium
(72)**Name of Inventor :**
1)WILLOCQ Christopher
2)SIRAUX Daniel
3)VANTOMME Aurlien
4)MISERQUE Olivier

(57) Abstract :
The present invention relates to a process for preparing a polyethylene resin having a multimodal molecular weight distribution in at least two loop slurry reactors connected in series comprising the step of: polymerizing ethylene in the presence of at least one supported metallocene catalyst a diluent optionally one or more co monomers and optionally hydrogen thereby obtaining the polyethylene resin wherein the supported metallocene catalyst has a particle size distributionof a span value lower than 2.5 and a D50 value within the range of from 5 µm to 20 µm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015

(21) Application No.452/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BOTTOM PLATE STRUCTURE FOR VEHICLE SEAT

(51) International classification :B62J1/12
(31) Priority Document No :2012144884
(32) Priority Date :28/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/067599
Filing Date :27/06/2013
(87) International Publication No :WO 2014/003091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TS TECH CO. LTD.
Address of Applicant :7 27 Sakaecho 3 chome Asaka shi Saitama 3510012 Japan
(72)**Name of Inventor :**
1)CHIBA Tomohisa
2)KIYA Katsuhiro
3)UEYAMA Yoshinori

(57) Abstract :
The purpose of the present invention is to provide a bottom plate structure for a vehicle seat that can be reinforced with a reduced increase in weight. A bottom plate (10) covered with a surface material (3) is provided on a vehicle body (2) and the top surface of said bottom plate (10) supports a cushioning material (20). The bottom plate (10) has reinforcing parts (11) that cross the widthwise center (C1) of the bottom plate (10) at least parts of said reinforcing parts (11) being laid out obliquely with respect to the front to back direction of a vehicle seat (1). Since said reinforcing parts reinforce the bottom plate the bottom plate can be reinforced with a reduced increase in bottom plate weight relative to conventional bottom plate structures.

No. of Pages : 95 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.468/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND ARRANGEMENT FOR DISTRIBUTING INFORMATION DURING BROADCAST DELIVERY

(51) International classification :H04L1/00,H04W72/00
(31) Priority Document No :PCT/CN2012/078388
(32) Priority Date :09/07/2012
(33) Name of priority country :China
(86) International Application No :PCT/SE2013/050395
Filing Date :11/04/2013
(87) International Publication No :WO 2014/011097
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :SE 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)CHEN Emer
2)LING Robbie
3)XIE Jinyang
4)XIAO Shiyuan

(57) Abstract :
A BM SC and a method therein for transmitting data file by broadcast session to at least one UE in a radio communication system; and a UE and a method therein for receiving a broadcast session of transmission of a data file from a BM SC are provided. The method in the BM SC comprises determining to transmit the data file to the at least one UE and determining a FEC redundancy level to use for the transmission. The method also comprises transmitting to the at least one UE the data file using the determined FEC redundancy level and an indication of the determined FEC redundancy level.

No. of Pages : 51 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.485/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR MITIGATING THERMAL EXCURSIONS IN AIR CORE REACTORS DUE TO WIND EFFECTS

(51) International classification :H01F27/08,H01F17/02
(31) Priority Document No :61/674971
(32) Priority Date :24/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2013/050571
Filing Date :23/07/2013
(87) International Publication No :WO 2014/015431
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TRENCH LIMITED
Address of Applicant :71 Maybrook Drive Toronto Ontario M1V 4B6 Canada
(72)**Name of Inventor :**
1)SHARP Michael
2)GVOZDANOVIC Mark

(57) Abstract :
An air core dry type power reactor (10) of the type having multiple concentrically positioned winding layers (12) extending along a central axis and above arms (24) of a first spider unit (16) when the reactor is horizontally positioned with respect to a horizontal ground plane the winding layers (12) arranged in spaced apart relation providing air gaps (20) between the winding layers allowing air to flow along the winding layers. A deflector (40) is positioned between the winding layers (12) and the ground plane to receive air from wind blowing toward the reactor (10) and guide the air in an upward direction from the deflector (40) and along the gaps (20).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.500/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTEGRATED INJECTION SYSTEM AND COMMUNICATION DEVICE

(51) International classification :A61B17/20,A61M5/00,A61B5/00
(31) Priority Document No :61/669846
(32) Priority Date :10/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049881
Filing Date :10/07/2013
(87) International Publication No :WO 2014/011740
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BECTON DICKINSON FRANCE S.A.S.
Address of Applicant :11 rue Aristide Berges F 38800 Le Pont de Claix France
(72)**Name of Inventor :**
1)HAUSSER Roderick
2)BUREAU Christophe
3)MONCHOIX Herve

(57) Abstract :
An integrated system for injection including an injection device (10) in electronic connection with a communication device (A) is provided. The external communication device may be a handheld electronic device such as a Smartphone or a dedicated reader such as a reader capable of reading information contained on an RFID tag. The injection device includes a needle (12) and a drug delivery portion (28) enclosed within an external housing. Optionally a plurality of sensors (16) is affixed to the surface of the needle to collect data about the injection and physical characteristics of the patient. The data may be recorded on a data capture module (36). The electronic chip may be a readable and writable electronic chip such as a non¬ volatile memory chip. The injection device may further include a data transmitter (42) for sending information obtained from the data capture module to the external communications device.

No. of Pages : 42 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/02/2015

(21) Application No.1047/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SOFT ABSORBENT SANDWICH WEB COMPRISING HIGH CONCENTRATIONS OF SUPERABSORBENT MATERIAL CELLULOSIC FIBERS AND SURFACE APPLIED BINDER

(51) International classification :A61F13/537
(31) Priority Document No :1212459.0
(32) Priority Date :13/07/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/064749
Filing Date :12/07/2013
(87) International Publication No :WO 2014/009506
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GLATFELTER FALKENHAGEN GMBH
Address of Applicant :Robert Hvelmann Str. 10 16928 Pritzwalk Germany
(72)**Name of Inventor :**
1)EHKME Ralf
2)R–TTGER Henning
3)VOLKMER Reno

(57) Abstract :
The present invention is a liquid absorbent sandwich web as can be used in absorbent products such as in disposable absorbent articles such as diapers feminine hygiene articles or incontinence devices and to the manufacturing of such webs. The liquid absorbent sandwich web provides high absorbent capacity without compromising softness.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/02/2015

(21) Application No.1102/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DEUTERATED BARICITINIB

(51) International classification :C07D487/04,A61K31/519,A61P19/02
(31) Priority Document No :61/684196
(32) Priority Date :17/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/055170
Filing Date :15/08/2013
(87) International Publication No :WO 2014/028756
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CONCERT PHARMACEUTICALS INC.
Address of Applicant :99 Hayden Avenue Suite 500 Lexington MA 02421 U.S.A.
(72)**Name of Inventor :**
1)TUNG Roger D.

(57) Abstract :
The present invention in one embodiment provides a compound of Formula I: or a pharmaceutically acceptable salt thereof wherein the variables shown in Formula I are as defined in the specification.

No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :12/02/2015

(21) Application No.1133/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : 8-(3-AMINO-PIPERIDIN-1-YL)-XANTHINE COMPOUNDS

(51) International classification :A61K 31/522
(31) Priority Document No :102 38 243.3
(32) Priority Date :21/08/2002
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2003/009127
Filing Date :18/08/2013
(87) International Publication No :WO 2004/018468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6108/DELNP/2007
Filed on :06/08/2007

(71)**Name of Applicant :**
1)BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG
Address of Applicant :55216 INGELHEIM AM RHEIN, GERMANY
(72)**Name of Inventor :**
1)HIMMELSBACH, FRANK
2)LANGKOPF, ELKE
3)ECKHARDT, MATTHIAS
4)MARK, MICHAEL
5)MAIER, ROLAND
6)LOTZ,RALF, R. H.
7)TADAYYON, MOHAMMAD

(57) Abstract :
8-(3-amino-piperidin-l-yl)-xanthine compounds of general formula I wherein R1 denotes a 4-methoxy-l-naphthylmethyl grouj, a 2-quinolinylmethyl, 4- quinolinylmethyl or a 6-quinolinylmethyl group, a 1-isoquinolinylmethyl, 3- methyl-1-isoquinolinylmethyl, 4-methyl-l- isoquinolinylmethyl or a 3- isoquinolinylmethyl group, or a 2-quinazolinylmethyl, 4-methyl-2- quinazolinylmethyl or a 4-quinazolinyl-methyl group, R2 denotes a methyl group and R3 denotes a 2-buten-l-yl or a 2-butyn-l-yl group, the : tautomer, enantiomer, diastereomer, the mixtures thereof and the salts thereof.

No. of Pages : 229 No. of Claims : 49

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

(21) Application No.2303/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SCROLL COMPRESSOR, AND SEALING METHOD AND SEALING ARRANGEMENT FOR MID-PRESSURE CHAMBER THEREOF

(51) International classification :F04C 27/00
(31) Priority Document No :CN201310353427.5
(32) Priority Date :14/08/2013
(33) Name of priority country :China
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DANFOSS (TIANJIN) LTD.
Address of Applicant :No. 5 Fuyuan Road, Wuqing Development Area, Tianjin, 301700, P.R.China
(72)**Name of Inventor :**
1)SUN, Zili
2)HUANG, Zhigang
3)MIAO, Qing

(57) Abstract :
A scroll compressor and a sealing method and sealing arrangement for a mid-pressure chamber thereof are provided. The scroll compressor includes: a scroll compressor shell; a housing, mounted inside the scroll compressor shell; a fixed scroll, fixed onto the housing; an orbiting scroll, supported on the housing and cooperating with the fixed scroll; a driving mechanism, located between the orbiting scroll and the housing and connected to the orbiting scroll to drive the orbiting scroll to orbit; and a mid-pressure chamber, which is a cavity surrounded by a hub of the orbiting scroll and a part of the housing and which is sealed by two sealing members.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/09/2014
(21) Application No.2689/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ARRANGEMENT STRUCTURE OF EXHAUST HEAT EXCHANGER

(51) International classification :f28D
(31) Priority Document No :2013-203557
(32) Priority Date :30/09/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)Suzuki Motor Corporation
Address of Applicant :300, Takatsuka-cho, Minami-ku, Hamamatsu-shi, Shizuoka 432-8611 Japan
(72)**Name of Inventor :**
1)KOBAYASHI, Mitsuru

(57) Abstract :
An arrangement structure of an exhaust heat exchanger includes: an engine mounted on a hybrid vehicle so that a crank shaft center line of the engine extends in a vehicle width direction; a generator which is attached to one end portion, in the vehicle width direction, of the engine so as to share the crank shaft center line; and an exhaust heat exchanger for heat exchange between an exhaust gas of the engine and a coolant, and the exhaust heat exchanger is disposed in such a manner that at least part of the exhaust heat exchanger lies on the generator in a bottom view.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.501/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHOTOCATALYTIC Ti02 COATINGS ON THE POLYMER SURFAOES ACTIVATED WITH' VISIBLE LIGHT, METHOD OF THEIR PREPARATION AND USE THEREOF

(51) International classification :A01N59/16,B82Y30/00,C09D7/12
(31) Priority Document No :PL400098
(32) Priority Date :23/07/2012
(33) Name of priority country :Poland
(86) International Application No :PCT/EP2013/065400
Filing Date :22/07/2013
(87) International Publication No :WO 2014/016239
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNIWERSYTET JAGIELLONSKI
Address of Applicant :Golebia 24 PL 31 007 Krak³w Poland
(72)**Name of Inventor :**
1)MACYK Wojciech
2)SADOWSKI Rafal
3)LABUZ Przemyslaw
4)BUCHALSKA Marta

(57) Abstract :
The invention relates to visible light active photocatalytic coatings of titanium oxide (IV) on polymer surfaces characterized in that are applied to a substrate which is the organic polymer material used in medicine food and pharmaceutical packaging and the coating is nanocrystalline titanium oxide (IV) or nanocrystalline titanium oxide (IV) surface modified with organic compound. The invention also includes a method for the preparation of photocatalytic coatings of titanium oxide (IV) according to the invention comprising the step of activating the surface of a polymeric material with low temperature plasma technology and then the synthesis of nanocrystalline titanium oxide (IV) coating and the modification of the surface layer with organic compounds. The invention also relates to the application of photocatalytic coating of titanium oxide (IV) according to the invention for sterilization of plastic elements used in medicine food and pharmaceuticals packaging and application to production of selected products from the group consisting of: photosterilizing materials photobactericidal photofungicidal photocatalytic materials.

No. of Pages : 21 No. of Claims : 16

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

(21) Application No.3217/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AMINO ACID PREPARATION METHOD COMPRISING A STEP OF HYDROFORMYLATION OF AN UNSATURATED FATTY NITRILE

(51) International classification :C07C227/04,C07C229/08,C07C253/30
(31) Priority Document No :1161036
(32) Priority Date :01/12/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/052778
Filing Date :03/12/2012
(87) International Publication No :WO 2013/079888
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ARKEMA FRANCE
Address of Applicant :420 Rue dEstienne dOrves F 92700 Colombes France
2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
3)UNIVERSITE DE RENNES 1
(72)**Name of Inventor :**
1)DUBOIS Jean Luc
2)COUTURIER Jean Luc
3)CARPENTIER Jean Fran§ois
4)TERNEL Jrmy

(57) Abstract :
The present invention relates to a method for synthesising a w-amino acid compound having formula HOOC-R- CH2NH2, where R is an alkyl radical comprising between 6 and 15 carbon atoms or an alkylene radical comprising between 6 and 15 carbon atoms and between 0 and 2 unsaturations. The method comprises the foliowing steps: 1) hydroformylation of an unsaturated fatty nitrile selected from compounds having formula Ri-CH=CH -[(CH 2)q-CH=CH] m-(CH2)r-CN, wherein Ri is H or an alkyl radical comprising between 1 and 11 carbon atoms comprising, where appropriate, a hydroxyl fonction, and q, m and r are integer indices such that q = 0 o l , 0 < m < 2, and 4 < r < 13, and mixtures thereof, said step consisting in reacting the nitrile with the carbon monoxide and dihydrogen such as to obtain at least one fatty nitrile aldhyde having formula HOC-R-CN; 2) dioxygen oxidation, wherein the nitrile aldhyde obtained in step 1) is converted into fatty nitrile acid having formula HOOC-R-CN; and 3) rduction, in which the nitrile acid obtained in step 2) is converted into co-amino acid having formula HOOC-R-CH 2NH2. The prsent invention relates in particular to polyamide synthesis by means of polymrisation using the ∞-amino acid obtained in step 3).

No. of Pages : 38 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2012
(21) Application No.3631/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS FOR MAINTAINING EYE HEALTH AND AMELIORATING OPTHALMIC MALADIES IN CANINES

(51) International classification :A61P 27/12
(31) Priority Document No :61/280,175
(32) Priority Date :30/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/002815
Filing Date :22/10/2010
(87) International Publication No :WO 2011/059474
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC S.A.
Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(72)**Name of Inventor :**
1)PAN, YUANLONG
2)WANG, WEI

(57) Abstract :
The invention provides novel methods for maintaining eye health and ameliorating ophthalmic maladies in canines by administering to the canines an ophthalmic malady ameliorating amount of one or more carotenes. Generally, the carotenes are administered to the canines in amounts of from about 0.1 to about 5000 mg or in amounts of from about 0.1 to about 500 mg per day to ameliorate maladies such as impaired vision, cataracts, cloudy eye, retinal degeneration, eye injury caused by radiation, reducing or preventing a decline of social interaction, promoting overall health and wellness, improving the quality of life, and extending the prime for canines.

No. of Pages : 18 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.471/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ROD END TENSIONER AND SELF ADJUSTING ROD END

(51) International classification :F02B37/12,F02B37/24,F02B39/00
(31) Priority Document No :61/670777
(32) Priority Date :12/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049231
Filing Date :03/07/2013
(87) International Publication No :WO 2014/011470
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BORGWARNER INC.
Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A.
(72)**Name of Inventor :**
1)ARNOLD Stan
2)WARD Daniel N.

(57) Abstract :
A self adjusting rod end (10) comprising a rod end housing (12) including a connector portion (16) a ball housing portion (14) having an opening (18) and a race insert (26) disposed in the opening (18). A rod end ball (20) is disposed in the race insert (26) and a rod end tensioner (30) is positioned to apply a force (F) against an end of the rod end ball (20). The rod end tensioner (30) includes a clip portion (32) with a spring arm (34) extending therefrom wherein the clip portion (32) includes a pair of tangs (38) positioned to engage the connector portion (16). The spring arm (34) includes a contact tip (36) confronting the end of the rod end ball (20).

No. of Pages : 12 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.504/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EVACUATION DEVICE PROVIDED TO RAIL VEHICLE

(51) International classification :A62B1/20,B61K13/04,B61B13/06
(31) Priority Document No :2012173345
(32) Priority Date :03/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070312
Filing Date :26/07/2013
(87) International Publication No :WO 2014/021213
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI LTD.
Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan
(72)**Name of Inventor :**
1)INOUE Naotoshi
2)SETOYAMA Akiji
3)KUNIMOTO Junichi

(57) Abstract :
The purpose of the invention is to improve an evacuation device provided to a rail vehicle. This evacuation device (200) installed in a vehicle comprises a movement suppression device (300) that functions as a brake device and a windup device (400). During an evacuation the evacuation device (200) is moved from a storage location onto a floor (14) and a chute (260) which is directed above ground via a slow down hoisting arm (31) is deployed to evacuate passengers. The chute (260) is wound up by the windup device (400) via a wire (401) and stored in the evacuation device (200).

No. of Pages : 28 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015
(21) Application No.448/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SPRINGBACK SUPPRESSION COUNTERMEASURE METHOD AND ANALYSIS DEVICE FOR PRESS FORMED OBJECT

(51) International classification :B21D22/00,G06F17/50
(31) Priority Document No :2012190914
(32) Priority Date :31/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/073727
Filing Date :28/08/2013
(87) International Publication No :WO 2014/034954
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)SAITO Takanobu

(57) Abstract :
This springback suppression countermeasure method for a press formed object is equipped with: an analysis model generation step wherein planar elements and/or volumetric elements are used to generate an analysis model for the object; a stress state setting step wherein a stress state that generates springback is set for each element in the generated analysis model; a rigidity contribution region detection step wherein a shape optimization analysis is performed for the analysis model in which the stress states have been set in the stress state setting step and regions which contribute greatly to rigidity are detected; and a rigidity improvement step wherein a means for improving the rigidity of the object is implemented on the basis of the regions detected in the rigidity contribution region detection step.

No. of Pages : 84 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.477/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PRESS FORMING MOLD AND METHOD FOR MANUFACTURING PRESS FORMED PRODUCT

(51) International classification	:B21D24/12,B21D5/01,B21D22/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/JP2012/082907 :19/12/2012
(87) International Publication No	:WO 2014/097421
(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)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)YOSHIDA Tohru

(57) Abstract :
A press forming mold equipped with a punch mold a die and a buckling suppression mold wherein a first surface of the buckling suppression mold has pressure receiving parts that receive reaction force for elastically deforming the buckling suppression mold at the end of press forming and buckling suppression pressure increasing parts that protrude toward the pressure receiving parts from a plate part of the punch mold and that when pressed in the pressing direction generate the aforementioned reaction force in the direction opposite the pressing direction.

No. of Pages : 99 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.492/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOTOR VEHICLE

(51) International classification :B60W10/02,B60W10/06,B60W10/11
(31) Priority Document No :10 2012 212 905.7
(32) Priority Date :24/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/200031
Filing Date :10/07/2013
(87) International Publication No :WO 2014/015864
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SCHAEFFLER TECHNOLOGIES GMBH & CO. KG
Address of Applicant :Industriestrae 1 3 91074 Herzogenaurach Germany
(72)**Name of Inventor :**
1)REUSCHEL Michael

(57) Abstract :
The invention relates to the coasting mode in a motor vehicle comprising a drive motor (2) a transmission (4) a clutch (3) in the drive train between the drive motor and the transmission and comprising an apparatus for operating the clutch in an automated manner. A gear or a neutral position in the transmission can be selected by means of a transmission operating means (18). The clutch is then disengaged. The option of the coasting mode and the gear which is suitable at the end of the coasting mode are advantageously displayed to the driver.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.507/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BLAST FURNACE BLOWING COAL AND METHOD FOR PRODUCING SAME

(51) International classification :C21B5/00,C21B3/04
(31) Priority Document No :2012179240
(32) Priority Date :13/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/062156
Filing Date :25/04/2013
(87) International Publication No :WO 2014/027480
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan
(72)**Name of Inventor :**
1)OMOTO Setsuo
2)NAKAGAWA Keiichi
3)HAMADA Tsutomu
4)SAKAGUCHI Masakazu

(57) Abstract :
Provided is a method for producing blast furnace blowing coal which is low in cost and capable of suppressing the adhesion of blast furnace blowing coal ash and blockages caused by blast furnace blowing coal ash along the path of the blast furnace blowing coal to the interior of the blast furnace body. A method for producing blast furnace blowing coal to be blown through a tuyere into the interior of the blast furnace body of a blast furnace wherein: the composition and melting point of the ash from the coal (11) are analyzed in advance (S11 1); the composition of the blast furnace slag (12) is analyzed in advance (S11 2); the blast furnace slag (12) contains more calcium oxide than the coal (11) ash does; and the coal and the blast furnace slag are mixed (S13) on the basis of the composition and melting point of the coal ash and the composition of the blast furnace slag and in a manner such that the amount of calcium oxide contained in a quaternary system phase diagram including silicon dioxide magnesium oxide aluminum oxide and calcium oxide which are the principal components of the coal ash and the blast furnace slag causes the melting point of the ash to be 1400°C or higher.

No. of Pages : 19 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :09/10/2014

(21) Application No.2886/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PISTON ARRANGEMENT FOR A REFRIGERANT COMPRESSOR

(51) International classification :F04B39/00
:DE 10
(31) Priority Document No 2013 114 064.5
(32) Priority Date :16/12/2013
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SECOP G.m.b.H.
Address of Applicant :Mads-Clausen-Strasse 7 24939 Flensburg, Germany.
(72)**Name of Inventor :**
1)LASSEN, Heinz Otto
2)IVERSEN, Frank Holm
3)NOMMENSEN, Marten

(57) Abstract :
The present invention prodives a piston arrangement (1) for a refrigerant compressor having a piston (2) which has a piston crown (3) and a piston skirt (4) which surrounds an interior space (7) in which an installation device (8) with an oil path is arranged, wherein the piston skirt (4) has an outer lateral surface (5) in which a lubrication groove (6), which is connected to the oil path, is formed, characterized in that the installation device (8) has an elastic sealing element (22) which bears from the inside against the piston skirt (4) and bounds the oil path.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/04/2014

(21) Application No.3167/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM FOR *IN VITRO* DETECTION AND/OR QUANTIFICATION BY FLUOROMETRY

(51) International classification :G01N21/64,G06F17/00
(31) Priority Document No :1158532
(32) Priority Date :26/09/2011
(33) Name of priority country :France
(86) International Application No :PCT/FR2012/052136
Filing Date :25/09/2012
(87) International Publication No :WO 2013/045807
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BIOM‰RIEUX
Address of Applicant :F 69280 Marcy lEtoile France
(72)**Name of Inventor :**
1)ROSSI Vronica Lucia
2)FERORELLI Giuseppe
3)GALDIERO Massimo
4)FRANCINI Franco
5)JAFRANCESCO David

(57) Abstract :
The invention relates to a System (1) for the in vitro detection and/or quantification, by fluorometry, of at least one analyte in a sample (E) of fluid constituting a biological material, in particular for an immunological test, including a radiation source (10), followed by an optical splitter (13) for splitting the main beam (FP) into a sample-energizing beam (FE) and a reference beam, with a first photo detector means (14) for detecting a fluorescence ray (RF) emitted by the sample and a second photo detector means (15) for the reference beam, said System also including a generator (300) outputting a sinusoidal carrier signal (SNM) and at least one digital demodulation signal (SINE, COSINE), and a digital processing means for processing, by demodulation, the signals from the two photo detector means in order to extract a fluorescence value (VALF) that is characteristic of the amplitude of the fluorescence ray and a second reference value (VALR) that is characteristic of the amplitude of the reference beam. The present invention can be used in automated instruments for in vitro diagnosis in the clinical or industrial fields.

No. of Pages : 43 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.489/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SIDE AIRBAG DEVICE FOR USE IN VEHICLE

(51) International classification :B60R21/207,B60R21/2346,B60R21/261
(31) Priority Document No :2012162721
(32) Priority Date :23/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/066397
Filing Date :13/06/2013
(87) International Publication No :WO 2014/017210
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan
(72)**Name of Inventor :**
1)FUJIWARA Yusuke

(57) Abstract :
The present invention minimizes airbag flapping during deployment and increases the degree of freedom in a procedure for attaching a component to a seat back frame. In this side airbag device (10) for use in a vehicle an airbag (20) is affixed to a side frame part (16A) of a seat back frame (16) in an affixing region (20F) set at the rear end of a vertically central region (20M) with an inflator (28) interposed therebetween. An upper receptacle (38) into which the top end of a reaction plate (26) is inserted is formed in an upper part (20U) of a rear part of the airbag (20) and a lower receptacle (40) into which the bottom end of the reaction plate (26) is inserted is formed in a lower part (20L) of the rear part of the airbag (20). Said reaction plate (26) constitutes a module together with the airbag (20) the inflator (28) and the like and is affixed to the abovementioned side frame part (16A) with another inflator (22) interposed therebetween.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.506/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POLYURETHANE POLYMERS AND COMPOSITIONS MADE USING DISCRETE CARBON NANOTUBE MOLECULAR REBAR

(51) International classification :C08K7/24,C08L75/04,C04B14/02
(31) Priority Document No :61/669109
(32) Priority Date :08/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049533
Filing Date :08/07/2013
(87) International Publication No :WO 2014/011527
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOLECULAR REBAR DESIGN LLC
Address of Applicant :13477 Fitzhugh Road Austin TX 78736 U.S.A.
(72)**Name of Inventor :**
1)BOSNYAK Clive P.
2)SWOGGER Kurt W.

(57) Abstract :
In various embodiments a urethane/molecular rebar formulation comprising a specific composition is disclosed. The composition comprises a urethane polymer or prepolymer/discrete carbon nanotube formulation. Utility of the urethane/molecular rebar composition includes improved foams and adhesives. A further embodiment is a cement comprising molecular rebar wherein the cement has improved crack resistance.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3287/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR INCREASING HYDROGEN CONTENT OF SYNTHESIS GAS

(51) International classification :C01B3/16
(31) Priority Document No :1119962.7
(32) Priority Date :18/11/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052507
Filing Date :10/10/2012
(87) International Publication No :WO 2013/072661
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY
Address of Applicant :5th floor 25 Farringdon Street London EC4A 4AB U.K.
(72)**Name of Inventor :**
1)ABBOTT Peter Edward James
2)BEAVIS Richard James
3)SOUTHERDEN Philip Charles

(57) Abstract :
A process is described for increasing the hydrogen content of a synthesis gas containing one or more sulphur compounds, said synthesis gas comprising hydrogen, carbon oxides and steam, and having a ratio, R, defined as R = (H2-CO2)/(CO+CO2) < 0.6 and a steam to carbon monoxide ratio 51.8, comprising the steps of (i) heating the synthesis gas (110), (ii) subjecting at least a portion of the heated synthesis gas to a first stage of water-gas shift in a first shift vessel (128) containing a first sulphur-tolerant water-gas shift catalyst that is cooled in heat exchange with boiling water (138), to form a pre-shifted gas stream, and (iii) forming a shifted gas stream by subjecting at least a portion of the preshifted gas stream to a second stage of water-gas shift in a second shift vessel (114) containing a second sulphur-tolerant water-gas shift catalyst that is cooled in heat exchange with a gas stream comprising the synthesis gas.

No. of Pages : 23 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3288/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR INCREASING HYDROGEN CONTENT OF SYNTHESIS GAS

(51) International classification :C01B3/16
(31) Priority Document No :1119957.7
(32) Priority Date :18/11/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/052505
Filing Date :10/10/2012
(87) International Publication No :WO 2013/072659
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY
Address of Applicant :5th floor 25 Farringdon Street London EC4A 4AB U.K.
(72)**Name of Inventor :**
1)ABBOTT Peter Edward James
2)COMBES Gary Bevan
3)BEAVIS Richard James

(57) Abstract :
A process is described for increasing the hydrogen content of a synthesis gas containing one or more sulphur compounds said synthesis gas comprising hydrogen carbon oxides and steam and having a ratio R defined as R = (H2-C0)/(CO+C02)= 0.6 and a steam to carbon monoxide ratio < 1.8 comprising the steps of (i) adjusting the synthesis gas temperature (ii) passing the temperature adjusted synthesis gas through an adiabatic pre shift vessel containing a bed of sulphur tolerant water gas shift catalyst at a space velocity > 12,500hour-1 to form a pre shifted gas stream and (iii) subjecting at least a portion of the pre shifted gas stream to one or more further stages of water gas shift.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2012

(21) Application No.3772/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FUNCTIONAL FLUID COMPOSITION

(51) International classification :C10M 111/04
(31) Priority Document No :09175114.9
(32) Priority Date :05/11/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/066843
Filing Date :04/11/2010
(87) International Publication No :WO 2011/054909
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.BV.
Address of Applicant :CAREL VAN BYLANDTLAAN 30, NL-2596 HR, THE HAGUE, THE NETHERLANDS.
(72)**Name of Inventor :**
1)SMITHERS JANET MARIAN
2)WEDLOCK DAVID JOHN

(57) Abstract :
The present invention provides a functional fluid composition comprising : a naphthenic bright stock base oil; and a Fischer-Tropsch derived base oil, wherein the functional fluid composition has a Viscosity Index (according to ASTM D 2270) of above 95.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.484/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INFORMATION PROCESSING SYSTEM AND STORAGE MEDIUM

(51) International classification :H04R3/00,G10L25/51,H04R1/40
(31) Priority Document No :2012166977
(32) Priority Date :27/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/061894
Filing Date :23/04/2013
(87) International Publication No :WO 2014/017134
(61) 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)SAKO Yoichiro
2)ARATANI Katsuhisa
3)SAKODA Kazuyuki
4)ASADA Kohei
5)TAKEHARA Mitsuru
6)NAKAMURA Takatoshi
7)WATANABE Kazuhiro
8)TANGE Akira
9)HANAYA Hiroyuki
10)KOGA Yuki
11)ONUMA Tomoya

(57) Abstract :
The information processing system is equipped with: a recognizing unit that recognizes a first object and a second object on the basis of a signal detected by a plurality of sensors placed in the vicinity of a specific user; an identification unit that identifies the first object and second object recognized by the recognizing unit; an estimating unit that estimates the position of the specific user according to a signal detected by any of the plurality of sensors; and a signal processing unit that processes each signal acquired from sensors in the vicinity of the first and second objects identified by the identifying unit so that the sound when output from a plurality of actuators placed in the vicinity of the specific user is located in the vicinity of the position of the specific user estimated by the estimating unit.

No. of Pages : 100 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.514/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR ORAL CARE MATERIAL TASTE AND/OR ODOR IMPROVEMENT

(51) International classification :B01D11/02,A61K8/25,A61K8/37
(31) Priority Document No :61/678942
(32) Priority Date :02/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/024357
Filing Date :01/02/2013
(87) International Publication No :WO 2014/021933
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)HOKE Steven Hamilton II
2)HAUGHT John Christian
3)LEI Qingxin

(57) Abstract :
Processes for improving the taste of oral care raw materials using solvent extraction said process comprising the steps of: providing a solid oral care raw material composition in need of treatment wherein said oral care raw material composition comprises an orally acceptable raw material and one or more undesirable non polar materials; contacting said oral care raw material composition with an extraction solvent to form an extraction mixture comprising a solid phase and a solvent phase; and separating the solid phase from the extraction mixture; wherein the extraction solvent is selected from solvents having individual Hansen solubility parameters of a dispersion force component (d) ranging from about 15 to about 17 (MPa) a polar component (d) ranging from 0 to about 9 (MPa) and a hydrogen bonding component (d) ranging from 0 to about 11 (MPa).

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3381/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR PRODUCING 2 3 3 3 TETRAFLUOROPROPENE

(51) International classification	:C07C17/20,C07C21/18,B01J23/26
(31) Priority Document No	:61/555732
(32) Priority Date	:04/11/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2012/063331 :02/11/2012
(87) International Publication No	:WO 2013/067356
(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)WANG Haiyou
Address of Applicant :811 Campbell Boulevard Amherst New York 14228 U.S.A.
2)TUNG Hsueh Sung
3)BEKTESEVIC Selma
4)MERKEL Daniel C.
(72)**Name of Inventor :**
1)WANG Haiyou
2)TUNG Hsueh Sung
3)BEKTESEVIC Selma
4)MERKEL Daniel C.

(57) Abstract :
The present invention relates in part to the discovery that during the fluorination of certain fluoroolefin starting reagents oligomerization/polymerization of such reagents reduces the conversion process and leads to increased catalyst deactivation. The present invention also illustrates that vaporizing such starting reagents in the presence of one or more organic co feed reduces such oligomerization/polymerization and improves catalytic stability.

No. of Pages : 25 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3382/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR PRODUCING 2 3 3 3 TETRAFLUOROPROPENE

(51) International classification :C07C17/20,C07C21/18,B01J23/26
(31) Priority Document No :61/555682
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/063320
Filing Date :02/11/2012
(87) International Publication No :WO 2013/067350
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BEKTESEVIC Selma
Address of Applicant :770 Maple Road Apt. 9B Williamsville New York 14221 U.S.A.
2)MERKEL Daniel C.
3)NAPPA Mario Joseph
4)SUN Xuehui
5)TUNG Hsueh Sung
6)WANG Haiyou
(72)**Name of Inventor :**
1)BEKTESEVIC Selma
2)MERKEL Daniel C.
3)NAPPA Mario Joseph
4)SUN Xuehui
5)TUNG Hsueh Sung
6)WANG Haiyou

(57) Abstract :
The present invention relates, in part, to the discovery that, during the fluorination of certain fluoroolefin starting reagents, particularly, 1,1,2,3-tetrachloropropene (1230xa), oligomerization/polymerization of such starting reagents reduces the conversion process and leads to increased catalyst deactivation. The present invention also illustrates that providing one or more organic co-feed to the fluoooolefin starting stream reduces such oligomerization/polymerization and improves catalystic stability.

No. of Pages : 23 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015

(21) Application No.444/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS

(51) International classification :B01D53/64,B01J20/02,B01J20/28
(31) Priority Document No :1213360.9
(32) Priority Date :26/07/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/051826
Filing Date :10/07/2013
(87) International Publication No :WO 2014/016560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JOHNSON MATTHEY PUBLIC LIMITED COMPANY
Address of Applicant :5th floor 25 Farringdon Street London EC4A 4AB U.K.
(72)**Name of Inventor :**
1)FISH Andrew
2)FOSTER Andrea Lara
3)LUNN Matthew David Gwydion
4)MANSFIELD Rachel

(57) Abstract :
A process for removing heavy metals from process fluids is described comprising passing a heavy metal containing process fluid comprising a reductant selected from hydrogen and carbon monoxide at an inlet temperature =125°C over a sorbent comprising (i) 4 75% by weight of one or more sulphided copper compounds selected from sulphided basic copper carbonate sulphided copper hydroxide sulphided copper oxide or mixtures of these (ii) optionally a support material and (iii) a binder and the binder content of the sorbent is in the range 5 30% by weight wherein essentially all of the sulphided copper is in the form of CuS and the total metal sulphide content of the sorbent other than copper sulphide is =5%wt.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.461/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CHOLECYSTOKININ SECRETION PROMOTING COMPOSITION

(51) International classification :A61K31/11,A23L1/30,A61P3/04
(31) Priority Document No :2012202450
(32) Priority Date :14/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068827
Filing Date :10/07/2013
(87) International Publication No :WO 2014/041885
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)J OIL MILLS INC.
Address of Applicant :8 1 Akashi cho Chuo ku Tokyo 1040044 Japan
(72)**Name of Inventor :**
1)HARA Hiroshi
2)HIRA Tohru
3)NISHIYAMA Chigusa
4)TOKURA Noriko
5)YAMASHITA Takatoshi
6)IMAGI Jun

(57) Abstract :
A novel CCK secretion promoting substance and a use thereof are provided. This cholecystokinin secretion promoting composition contains as an active component an unsaturated aldehyde having a main chain of 4-12 carbon atoms having a double bond in at least position 2 or 4 and/or an acrylic acid wherein the main chain has 4-9 carbon atoms if there is a double bond only in position 2 and the main chain has 9-12 carbon atoms if there is a double bond only in position 4. This cholecystokinin secretion promoting composition can be used as an appetite suppressant. By adding this cholecystokinin secretion promoting composition to food appetite suppressing food products can be provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.520/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PIPE MEMBER MADE FROM IRON FOR A BURIED PIPELINE COMPRISING AN OUTER COATING

(51) International classification :F16L58/08,F16L58/10,F16L9/147
(31) Priority Document No :1257638
(32) Priority Date :06/08/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/066220
Filing Date :01/08/2013
(87) International Publication No :WO 2014/023646
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAINT GOBAIN PAM
Address of Applicant :91 Avenue de la Libration F 54000 Nancy France
(72)**Name of Inventor :**
1)ALEXANDRE Pascal
2)NOUAIL Grard

(57) Abstract :
A pipe member (1) made from iron in particular cast iron for a buried pipeline comprising an outer coating (9) comprising: a first layer (11) comprising at least a porous zinc/aluminium alloy layer containing 5 to 60% aluminium in terms of mass; a second layer (13) of adhesive positioned on the first layer (11); and a third layer (15) positioned on the second layer (13) and comprising a synthetic organic material. A method for producing such a pipe member.

No. of Pages : 14 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2014

(21) Application No.3415/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR ESTABLISHING AND USING PDN CONNECTIONS

(51) International classification :H04W76/02
(31) Priority Document No :61/555758
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/071658
Filing Date :01/11/2012
(87) International Publication No :WO 2013/064595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)ROELAND Dinand

(57) Abstract :
A method is described of establishing and/or using a plurality of packet data network connections between a user equipment (2) and a 3GPP core network (4) via a gateway node (12) in a non 3GPP access network(6) comprising using a different device identifier for each packet data network connection of the plurality or at least for each packet data network connection of the plurality that is associated with the same IP address to distinguish between the packet data network connections of the plurality or to allow such a distinction to be made wherein the device identifier used to distinguish between the packet data network connections of the plurality is a device identifier associated with the user equipment (2) or a device identifier associated with the gateway node (12) in the non 3GPP access network(6) or a combination of these. The device identifier may be a MAC address.

No. of Pages : 44 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/04/2014

(21) Application No.3416/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMMEDIATE RELEASE 4 METHYL 3 [[4 (3 PYRIDINYL) 2 PYRIMIDINYL]AMINO] N [5 (4 METHYL 1H IMIDAZOL 1 YL) 3 (TRIFLUOROMETHYL)PHENYL] BENZAMIDE FORMULATION

(51) International classification :A61K9/00,A61K9/20,A61K9/28
(31) Priority Document No :61/559281
(32) Priority Date :14/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/064610
Filing Date :12/11/2012
(87) International Publication No:WO 2013/074432
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland
(72)**Name of Inventor :**
1)BHARDWAJ Upkar
2)BORDAWEKAR Mangesh Sadashiv
3)COMFORT Ann Reese
4)LI Ping
5)LI Shoufeng
6)MAKAROV Alexey

(57) Abstract :
A solid dosage form of nilotinib is disclosed that comprises: (i) a core comprising 4-Methyl-3-[[4-(3-pyridinyl)-2-pyrimidinyl]amino]-N-[5-(4-methyl-lH-imidazol-l-yl)-3-(trifluoromethyl)phenyl] benzamide or a pharmaceutically acceptable salt thereof and excipients; and (ii) at least one polymer, said polymer coating said core, wherein disintegration of said solid dosage form is delayed.

No. of Pages : 31 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.479/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR ADJUSTING THE ADVANCEMENT OF A FIBER WEB TO THE DETACHING CYLINDERS OF A COMBING MACHINE AND KIT THEREFOR

(51) International classification :D01G19/20
(31) Priority Document No :BS2012A000123
(32) Priority Date :27/07/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/056034
Filing Date :23/07/2013
(87) International Publication No :WO 2014/016769
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MARZOLI MACHINES TEXTILE S.r.l.
Address of Applicant :Via S. Alberto 10 I 25036 Palazzolo SullOglio BRESCIA Italy
(72)**Name of Inventor :**
1)PRANDINI Girolamo
2)SOLIANI Luca

(57) Abstract :
A method for adjusting the advancement of a fibre web performed by the feed cylinder (12) fitted on the nipper (4) of a combing machine provides for replacing the main wheel (14) attached to the feed cylinder (12) with a further wheel having a different number of teeth and the same pitch as the former without modifying the configuration of the nipper.

No. of Pages : 14 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.510/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTEGRATED DRESSING DEVICE

(51) International classification :A61F13/00,A61F13/02,A61M25/02
(31) Priority Document No :13/571770
(32) Priority Date :10/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/053410
Filing Date :02/08/2013
(87) International Publication No :WO 2014/025641
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ETHICON INC.
Address of Applicant :P.O. Box 151 U.S. Route 22 Somerville New Jersey 08876 U.S.A.
(72)**Name of Inventor :**
1)LEIBOWITZ Rebecca
2)GENSINI Sandra
3)ZAVATSKY Joseph

(57) Abstract :
The invention relates to a device for the dressing of wounds and insertion sites of percutaneous and drug delivery devices. The device provides 360 degree or complete circumferential protection of a wound or insertion site of a percutaneous or drug delivery device. In particular the device is an integrated dressing for catheters comprising a pad and an adhesive dressing.

No. of Pages : 31 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015
(21) Application No.525/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COAL DRY DISTILLATION DEVICE AND MODIFIED COAL PRODUCTION EQUIPMENT USING SAME

(51) International classification :C10B47/30,C10L9/08
(31) Priority Document No :2012173647
(32) Priority Date :06/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/053825
Filing Date :18/02/2013
(87) International Publication No :WO 2014/024504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan
(72)**Name of Inventor :**
1)NAKAGAWA Keiichi
2)OMOTO Setsuo
3)SATO Fumiaki
4)YOKOHAMA Katsuhiko

(57) Abstract :
A rotary kiln type coal dry distillation device (120) that: rotatably supports an inner tube (112) inside an outer tube (113); supplies heating gas (17) to the interior of the outer tube (113); moves dried coal (2) from one end side of the inner tube (112) to the other end side and agitates and dry distills the dried coal (2) under heat by supplying the dried coal (2) from the one end side of the inner tube (112) to the interior and rotating the inner tube (112); sends out dry distilled coal (3) and dry distilled gas (14) from the other end side of the inner tube (112); and has provided therein a pulverized coal supply device (170) that supplies pulverized coal (4a) having a particle diameter of no more than 100 μm to the interior of the inner tube (112) such that the volume of the pulverized coal is 1 10 wt% relative to the amount of dry distilled coal (3) sent from the other end side of the inner tube (112).

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/04/2014

(21) Application No.3309/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR DIAGNOSING A VARIABLE RELUCTANCE MAGNETIC DETECTION HEAD AND DETECTION CIRCUIT

(51) International classification :F02D41/00,F02D41/22,G01D5/245
(31) Priority Document No :1103448
(32) Priority Date :14/11/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/004671
Filing Date :09/11/2012
(87) International Publication No :WO 2013/072030
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CONTINENTAL AUTOMOTIVE FRANCE
Address of Applicant :Service Proprit Industrielle 1 avenue Paul Ourliac F 31100 Toulouse France
2)CONTINENTAL AUTOMOTIVE GMBH
(72)**Name of Inventor :**
1)DELCOL Jean Pierre
2)DESGEORGE Aurore

(57) Abstract :
According to the invention a variable reluctance magnetic detection head outputs an electric signal (Uin) and a rising edge of the electric signal is compared with a first threshold (Th) in order to switch from a first state (B0) to a second state (B1) and a falling edge is compared with a second threshold (Tb) that is lower than the first threshold (Th) in order to switch from the second state (B1) to the first state (B0). In a diagnosis step the first threshold (Th) or the second threshold (Tb) are modified so as to become mutually closer and a defective magnetic detection head is detected if the cyclic ratio of the second state (B1) is modified during the diagnosis step by a value greater than a predetermined diagnosis threshold relative to a reference level. The invention also relates to a circuit implementing said method.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015

(21) Application No.453/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TRANSACTION MANAGEMENT SYSTEM AND TRANSACTION MANAGEMENT PROGRAM

(51) International classification :G06Q20/14,G06Q50/10
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/069509
Filing Date :31/07/2012
(87) International Publication No :WO 2014/020711
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA KEYSOFT
Address of Applicant :116 1 Kouyama Matsuda machi Ashigarakami gun Kanagawa 2580002 Japan
2)KAGIWADA Yoshimitsu
(72)**Name of Inventor :**
1)KAGIWADA Yoshimitsu

(57) Abstract :
A transaction management system that includes: a transaction settings information storage unit which associates the ID of an upstream dealer from which an intermediate dealer has ordered a product with that product ID and the ID of the intermediate dealer and which stores this associated information; a price storage unit which associates a first product selling price according to the upstream dealer with the product ID and the upstream dealer ID and which stores this associated information and which associates a second product selling price according to the intermediate dealer with the product ID and the intermediate dealer ID and which stores this associated information; and a voucher issuance processing unit. When there is a product order from a downstream dealer the voucher issuance processing unit generates an order voucher from the downstream dealer to the intermediate dealer on the basis of the order quantity and the second selling price and generates an order voucher from the intermediate dealer to the upstream dealer on the basis of the order quantity and the first selling price. Orders delivery and logistics data are integrally managed and vouchers for delivery are created efficiently using data at the time an order voucher is generated. The same is true for sales ledgers and purchase ledgers.

No. of Pages : 104 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.515/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ALPHA-1-MICROGLOBULIN FOR USE IN THE TREATMENT OF MITOCHONDRIA-RELATED DISEASES

(51) International classification	:A61K38/17,A61P43/00,A61K38/00
(31) Priority Document No	:PA 2012 70538
(32) Priority Date	:05/09/2012
(33) Name of priority country	:Denmark
(86) International Application No Filing Date	:PCT/EP2013/068270 :04/09/2013
(87) International Publication No	:WO 2014/037390
(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)A1M PHARMA AB
Address of Applicant :Medicon Village S 223 81 Lund Sweden
(72)**Name of Inventor :**
1)AKERSTR–M Bo
2)GRAM Magnus
3)ROSENL–F Lena

(57) Abstract :
The present invention relates to alpha 1 microglobulin for use in the treatment of a mitochondria related disease.

No. of Pages : 66 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.530/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A BOTTLE FOR PHARMACOLOGICAL AND/OR NUTRITIONAL ACTIVE SUBSTANCES WITH HERMETIC CLOSURE PIERCEABLE WITH A NEEDLE FREE SYRINGE AND AUTOMATICALLY RESEALABLE

(51) International classification	:B65D51/00,B65D51/20
(31) Priority Document No	:MI2012A001133
(32) Priority Date	:27/06/2012
(33) Name of priority country	:Italy
(86) International Application No Filing Date	:PCT/EP2013/063067 :21/06/2013
(87) International Publication No	:WO 2014/001226
(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)DITTA IND. PAOLO GOBBI FRATTINI
Address of Applicant :Via Stelvio 12 I 23035 Sondalo So Italy
(72)**Name of Inventor :**
1)GOBBI FRATTINI Paolo Giuseppe

(57) Abstract :
A bottle (1) for containing pharmacological and/or nutritional active substances is described. The bottle comprises a closing cap (5) pierceable by the pressure exerted with the luer of a needle free syringe. The closing cap (5) is made as a single piece including a check valve (12) and closing lips (11) which can be opened by introducing a syringe luer and can be elastically closed back upon the extraction of the luer introduced and a membrane (13) which is pierceable and elastically resealable to hermetically close the inlet end of the check valve (12). The closing lips (11) are externally delimited by recesses (14) which extend laterally upwards with increasing depth from the lower ends of said lips (11).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.493/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR DETERMINING PARAMETERS OF A FRICTION CLUTCH DEVICE

(51) International classification :F16D48/06
(31) Priority Document No :10 2012 212 513.2
(32) Priority Date :17/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2013/200052
Filing Date :16/07/2013
(87) International Publication No :WO 2014/012541
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SCHAEFFLER TECHNOLOGIES GMBH & CO. KG
Address of Applicant :Industriestrae 1 3 91074 Herzogenaurach Germany
(72)**Name of Inventor :**
1)HODRUS Erhard

(57) Abstract :
Method for determining parameters of a friction clutch device of a motor vehicle the friction clutch device having at least one friction clutch which can be activated between an open and a closed position a hydrostatic actuator device with at least one hydraulic section at least one equalizing container at least one position sensor and at least one pressure sensor and a monitoring device with a storage device in which parameter values can be stored in which method when the friction clutch device is put into operation the following steps are carried out in order to improve the method: bringing about a pressure and/or volume equalization between the at least one hydraulic section and the at least one equalizing container setting a parameter value of a short term bite point to a parameter value of a long term bite point multiple activation of the at least one friction clutch in the opening direction and/or in the closing direction without pressure equalization of the at least one hydraulic section determining a position/pressure characteristic curve by means of the at least one position sensor and the at least one pressure sensor during the multiple activation of the friction clutch adapting parameter values on the basis of the position/pressure characteristic curve and setting the parameter value of the long term bite point to the parameter value of the short term bite point.

No. of Pages : 20 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.509/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BI PARTING BI DIRECTIONAL DOOR SYSTEM

(51) International classification :E05F3/22
(31) Priority Document No :61/672813
(32) Priority Date :18/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050856
Filing Date :17/07/2013
(87) International Publication No :WO 2014/015017
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STANLEY BLACK & DECKER INC.
Address of Applicant :1000 Stanley Drive New Britain Connecticut 06053 U.S.A.
(72)**Name of Inventor :**
1)KOWALCZYK Thomas
2)LUKE Frank
3)NURSE John
4)PATEL Vinay

(57) Abstract :
A door system includes two bi parting center opening bi directional door panels disposed for counter rotating swinging movement in a doorway. An operator is coupled to the door panels via a synchronizing system such that the door panels may be selectively opened in either direction relative to the doorway and closed in the opposite direction and such that the door panels swing through substantially equal angular distances. The synchronizing system may include a linkage among other systems and the operator may include an electro mechanical operator a mechanical door closer with spring or a hybrid of both. A person may effect an emergency breakout by manually using a single motion low force push against one of the door panels to simultaneously open both door panels.

No. of Pages : 36 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.524/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HETEROAROMATIC COMPOUNDS AS BRUTON S TYROSINE KINASE (BTK) INHIBITORS

(51) International classification :C07D401/14,C07D405/14,C07D413/14
(31) Priority Document No :61/681684
(32) Priority Date :10/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054096
Filing Date :08/08/2013
(87) International Publication No :WO 2014/025976
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOEHRINGER INGELHEIM INTERNATIONAL GMBH
Address of Applicant :Binger Strasse 173 55216 Ingelheim am Rhein Germany
(72)**Name of Inventor :**
1)BENTZIEN Joerg Martin
2)BERRY Angela Kay
3)BOSANAC Todd
4)BURKE Michael Jason
5)DISALVO Darren Todd
6)HORAN Joshua Courtney
7)LIANG Shuang
8)MAO Can
9)MAO Wang
10)SHEN Yue
11)SOLEYMANZADEH Fariba
12)ZINDELL Renee M.

(57) Abstract :
THE PRESENT INVENTION ENCOMPASSES COMPOUNDS OF THE FORMULA (I) WHEREIN THE GROUPS A, CY, XI AND Y ARE DEFINED HEREIN, WHICH ARE SUITABLE FOR THE TREATMENT OF A DISEASE CHOSEN FROM RHEUMATOID ARTHRITIS, SYSTEMIC LUPUS ERYTHROMATOSIS, SCLERODERMA, ASTHMA, ALLERGIC RHINITIS, ALLERGIC ECZEMA, B CELL LYMPHOMA, MULTIPLE SCLEROSIS, JUVENILE RHEUMATOID ARTHRITIS, JUVENILE IDIOPATHIC ARTHRITIS, INFLAMMATORY BOWEL DISEASE, GRAFT VERSUS HOST DISEASE, PSORIATIC ARTHRITIS, ANKYLOSING SPONDYLITIS AND UVEITIS.

No. of Pages : 170 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.539/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DYNAMICALLY ALLOCATING NETWORK ADDRESSES

(51) International classification :G06F15/177
(31) Priority Document No :13/621891
(32) Priority Date :18/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059631
Filing Date :13/09/2013
(87) International Publication No :WO 2014/046975
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMAZON TECHNOLOGIES INC.
Address of Applicant :P.O. Box 81226 Seattle WA 98108 1226 U.S.A.
(72)**Name of Inventor :**
1)NIEMOLLER Albert P.
2)DICKINSON Andrew B.
3)ROBERTS Bradley D.
4)WEI Eric P.
5)WHITTAKER Colin J.

(57) Abstract :
Disclosed are various embodiments for dynamically allocating network addresses to devices based on demand. A first network address allocation is initially assigned to a subdivision of a network including multiple computing devices. A router for the subdivision is configured to implement the first network address allocation. Data indicating a reconfiguration of the computing devices is obtained. A second network address allocation is subsequently assigned to the subdivision of the network based at least in part on the reconfiguration of the computing devices. The router for the subdivision is reconfigured to implement the second network address allocation.

No. of Pages : 36 No. of Claims : 15

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

(21) Application No.3404/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RADIO FREQUENCY ANALYSER AND A METHOD FOR DETERMINING AN OPTIMUM RESONANT FREQUENCY OF OPERATION FOR LASER RESONATORS

(51) International classification :H01S
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION (DRDO)
Address of Applicant :Ministry of Defence, Government of India, Room No. 348, B-wing, DRDO Bhawan, Rajaji Marg, New Delhi-110 105, INDIA
(72)**Name of Inventor :**
1)KAMMILI RAMBABU
2)GANGALAKURTI LAXMINARAYANA
3)MUKKAMALA SREE RAMANA
4)MALLELA VENKAT RAO
5)VANGAVETI NAGA SRINIVASA GUPTA

(57) Abstract :
Embodiments discloses a radio frequency analyser (RFA) comprising an amplifier, a dual directional coupler (DDC) unit, a system interface module, a power meter module and a computing unit. The amplifier amplifies radio frequency signals being received from a signal generator. The DDC unit generates forward and reverse RF signals of the load and excite the load circuit using excitation signals through one or more electrodes. The system interface module determines radio frequency power value for each of forward signals and reverse signals generated by the DDC unit. The power meter module obtains laser power value generated on load circuit for each of the excitation signals. The computing unit identifies peak value of RF forward power value and the laser power value of the resonator in synchronisation with the RF excitation frequency and thereby determining optimum frequency of operation for radio frequency excited laser resonators.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.463/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RAIL TRANSPORT SYSTEM WITH CONVOYS AUTOMATIC COMPOSITION

(51) International classification :B61L27/00,B61L27/04,B61L17/00
(31) Priority Document No :RC2012A000009
(32) Priority Date :30/06/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/055377
Filing Date :01/07/2013
(87) International Publication No :WO 2014/002077
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CO.EL.DA. SOFTWARE SRL
Address of Applicant :Via Villini Svizzeri Dir. Gulli N.33 I 89126 Reggio Calabria Italy
(72)**Name of Inventor :**
1)LUCISANO Antonio

(57) Abstract :
The patent creates a new transport system on rail by automating both phases of trains composition and the march of the same by employing the existing network infrastructure. The heart of the patent is the realization of a complete hardware and software platform of communication that allows to arrange and order the execution of maneuvers of a railway smart wagon to allow coupling/uncoupling without the intervention of an operator to build and/or integrate into a convoy and/or perform operations of loading/unloading containers in an automatic way. The railway smart wagon is equipped with a control system for the independent movement safely in an open environment.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.480/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ARTICLES METHODS OF VALIDATING THE SAME AND VALIDATION SYSTEMS EMPLOYING DECAY CONSTANT MODULATION

(51) International classification :B41M3/14
(31) Priority Document No :61/673829
(32) Priority Date :20/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/031268
Filing Date :14/03/2013
(87) International Publication No :WO 2014/014509
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONEYWELL INTERNATIONAL INC.
Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown NJ 07962 2245 U.S.A.
(72)**Name of Inventor :**
1)RAPOPORT William Ross
2)KANE James
3)LAU Carsten

(57) Abstract :
Articles methods of validating the articles and validating systems are provided herein. In an embodiment an article includes a substrate and a security feature on the substrate. The security feature includes a first region that has a first ink composition and a second region that has a second ink composition. The first ink composition includes a first luminescent phosphor and the second ink composition includes a second luminescent phosphor that is different from the first luminescent phosphor. The first luminescent phosphor and the second luminescent phosphor have indistinguishable excitation energy wavelengths indistinguishable emission wavelengths and distinguishable temporal decay properties.

No. of Pages : 25 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.540/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR EXTRACTING B- AMYLASES FROM A SOLUBLE FRACTION OF A STARCH PLANT AND IN THE PRESENCE OF A PROTEASE.

(51) International classification :C12N9/24,C12N9/26
(31) Priority Document No :12 57680
(32) Priority Date :07/08/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051899
Filing Date :06/08/2013
(87) International Publication No :WO 2014/023915
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROQUETTE FRERES
Address of Applicant :1 rue de la Haute Loge F 62136 Lestrem France
(72)**Name of Inventor :**
1)COURBOIS Vincent
2)DUFLOT Pierrick
3)LECOCQ Aline
4)VERRIN Jean Marc

(57) Abstract :
The present invention concerns an improved method for extracting amylases from a soluble fraction of a starch plant said method comprising a step of clarification by microfiltration and a step of concentration and purification by ultrafiltration. This method is characterised in that it uses a protease during the microfiltration step making it possible to greatly reduce the fouling of the membranes used which increases the production time before washing. Simultaneously perfectly clear permeates are obtained which assists with the subsequent ultrafiltration step and makes it possible to improve the transmission of amylase. Finally the protease has no negative effect on the amylase activity.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015

(21) Application No.451/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CUSHIONING MATERIAL STRUCTURE FOR VEHICLE SEAT

(51) International classification :B62J1/12
(31) Priority Document No :2012145333
(32) Priority Date :28/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/067606
Filing Date :27/06/2013
(87) International Publication No :WO 2014/003094
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TS TECH CO. LTD.
Address of Applicant :7 27 Sakaecho 3 chome Asaka shi Saitama 3510012 Japan
(72)**Name of Inventor :**
1)CHIBA Tomohisa
2)KIYA Katsuhiro
3)UEYAMA Yoshinori

(57) Abstract :
The purpose of the present invention is to provide a cushioning material structure for a vehicle seat that makes it possible to reduce the weight of said vehicle seat while maintaining stable riding performance. A cushioning material (20) supported by the top surface of a bottom plate (10) provided on a vehicle body (2) is provided with voids (21). This allows weight reduction without reducing the thickness of the cushioning material as in conventional cushioning material structures thereby making it possible to reduce the weight of the vehicle seat while maintaining stable riding performance.

No. of Pages : 102 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.467/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SIGNAL DATA EXTRACTION METHOD AND APPARATUS

(51) International classification	:A61B5/00,A61B5/0476,A61B5/0484
(31) Priority Document No	:61/674052
(32) Priority Date	:20/07/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/051530 :22/07/2013
(87) International Publication No	:WO 2014/015345
(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)DIOPSYS INC.
Address of Applicant :16 Chapin Road Suite 912 Pine Brook NJ 07058 U.S.A.
(72)**Name of Inventor :**
1)COX Laurie A.

(57) Abstract :
A method and system for extracting important signal information is disclosed. The method examines a group of signals obtained from testing of a patient s nervous system and finds a signal area of interest. Once a cluster of signals that all have the area of interest is found the system concludes that the area of interest is located and validated. Signals that are not within the cluster are rejected and the signals within the cluster are signal averaged to yield a signal averaged waveform. The signal averaged waveform represents the results of the test.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.513/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TYRE WITH IMPROVED GRIP ON WET GROUND

(51) International classification :C08L7/00,C08L9/06,C08L25/10
(31) Priority Document No :1257194
(32) Priority Date :25/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/065626
Filing Date :24/07/2013
(87) International Publication No:WO 2014/016340
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
Address of Applicant :12 Cours Sablon F 63000 Clermont Ferrand France
2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(72)**Name of Inventor :**
1)MATHEY Olivier
2)DUREL Olivier

(57) Abstract :
The invention relates to a tyre comprising at least one rubber composition based on at least one blend of natural rubber NR or synthetic polyisoprene and a styrene butadiene copolymer SBR the SBR having a content of greater than or equal to 20 parts per hundred parts of elastomer phr and a reinforcing filler comprising carbon black characterized in that the composition comprises a plasticizing resin with a glass transition temperature Tg greater than or equal to 20°C and that the SBR has a Tg greater than or equal to 65°C.

No. of Pages : 24 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.528/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMBINATION OF PI3K INHIBITOR AND C MET INHIBITOR

(51) International classification :A61K45/06,A61K31/427,A61K31/4745
(31) Priority Document No :61/683790
(32) Priority Date :16/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054848
Filing Date :14/08/2013
(87) International Publication No :WO 2014/028566
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland
(72)**Name of Inventor :**
1)CAPONIGRO Giordano
2)HUANG Xizhong
3)LEHAR Joseph
4)WANG Hui Qin

(57) Abstract :
The present invention relates to a pharmaceutical combination which comprises (a) a phosphatidylinositol 3 kinase inhibitor or pharmaceutically acceptable salt thereof and (b) at least one c Met receptor tyrosine kinase inhibitor or pharmaceutically acceptable salt thereof for simultaneous separate or sequential administration for the treatment of a proliferative disease particularly a c Met dependent proliferative disease; a pharmaceutical composition comprising such combination; a method of treating a subject having a proliferative disease comprising administration of said combination to a subject in need thereof; use of such combination for the treatment of proliferative disease; and a commercial package comprising such combination.

No. of Pages : 68 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.542/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPOSITIONS AND TREATMENT FOR EYE DISEASES AND DISORDERS

(51) International classification :A61K31/57,A61K9/06,A61J3/04
(31) Priority Document No :61/676530
(32) Priority Date :27/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052264
Filing Date :26/07/2013
(87) International Publication No :WO 2014/018856
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RHODES TECHNOLOGIES
Address of Applicant :498 Washington Street Coventry RI 02816 U.S.A.
(72)**Name of Inventor :**
1)CHANG Wei wei
2)SAWYER Kenneth

(57) Abstract :
The invention relates to compositions and methods for treating eye diseases and disorders. More specifically the invention provides compositions comprising progesterone and methods of treating ocular surface diseases and disorders comprising applying such compositions topically.

No. of Pages : 19 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2012

(21) Application No.3632/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NUTRITIONAL COMPOSITION FOR PROMOTING GUT MICROBIOTA BALANCE AND HEALTH

(51) International classification :A23L 1/29
(31) Priority Document No :61/260,495
(32) Priority Date :12/11/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/056321
Filing Date :11/11/2010
(87) International Publication No :WO 2011/060123
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NESTEC S.A.
Address of Applicant :AVENUE NESTLE 55, CH-1800 VEVEY, SWITZERLAND
(72)**Name of Inventor :**
1)ROUGHEAD, ZAMZAM (FARIBA)
2)BENYACOUB, JALIL
3)ROESSLE, CLAUDIA
4)MAGER, JENNIFER RAE
5)SWANSON, JULIE ANN
6)GREENBERG, NORMAN ALAN
7)BOLSTER, DOUGLAS RICHARD
8)GARCIA RODENAS, CLARA LUCIA
9)ROCHAT, FLORENCE

(57) Abstract :
The present disclosure relates to nutritional compositions comprising a fructo-oligosaccharaide (FOS) in an amount of 35 to 44% by weight; a polysaccharide that is not a partially hydrolyzed guar gum such as, for example, an arabinogalactan in an amount of 50% to 38% by weight; and inulin in an amount of 12% to 24% by weight. The FOS and the polysaccharide may be present in a weight ratio of about 1:1. More specifically, the FOS and inulin may be present in a weight ratio of about 7:3. Also provided are methods of promoting gut microbiota balance and health. The methods include administering an effective amount of the nutritional composition to patients in need of same.

No. of Pages : 97 No. of Claims : 43

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

(21) Application No.3734/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTRAVENOUS CATHETER WITH SAFETY

(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)GOEL, Sandeep
Address of Applicant :H. No. - 7/26, 2nd Floor, East Punjabi Bagh, Delhi 110026. India
(72)**Name of Inventor :**
1)GOEL, Sandeep

(57) Abstract :
A safety device is provided for needles used with intravenous catheters and the like. The safety device includes a top part and a bottom part, wherein the bottom part and the top part can be coupled with each other. The top part includes at least one split end and a gripping rib, whereas the bottom part includes a clip and a spring. Split ends and gripping ribs of the top part makes the safety device move on the needle till the tip of the needle has retracted within the bottom part of the safety device. Thereafter the clip and the spring housed in the bottom part lock the needle tip within a safety chamber defined by top and bottom legs of the clip.

No. of Pages : 31 No. of Claims : 10

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

(21) Application No.3735/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTI COSMETIC COMPOSITIONS

(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)L'OREAL
Address of Applicant :14, RUE ROYALE, 75008 PARIS, FRANCE
(72)**Name of Inventor :**
1)GAURAV AGARWAL
2)DHIMOY ROY
3)AATISH KAPADIA

(57) Abstract :
The invention relates to a single kit comprising at least a first cosmetic composition and a second cosmetic composition, wherein said first cosmetic composition is a polar formulation and wherein said second cosmetic composition is a non-polar formulation; and a method of cosmetic care using said kit. The invention also relates to multi-functional surface solid support.

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

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

(21) Application No.3736/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ORAL CARE COMPOSITIONS WITH REDUCED SURFACE STAINING

(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)Colgate-Palmolive Company
Address of Applicant :300 Park Avenue, New York, New York 10022, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)Gregory SZEWCZYK
2)Neeta Atul PATEL
3)Suzanne JOGUN
4)Shashank POTNIS

(57) Abstract :
Surface staining can be minimized or eliminated by providing an oral care composition comprising a first film comprising a pigment; and optionally a second film; wherein the first film has a dissolution rate in aqueous media that is inversely proportional to its thickness, wherein the first film is in the form of a particle.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015

(21) Application No.456/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PROVIDING TRAFFIC RE AWARE SLOT PLACEMENT

(51) International classification :G06F9/455,G06F9/50
(31) Priority Document No :13/584859
(32) Priority Date :14/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051436
Filing Date :22/07/2013
(87) International Publication No :WO 2014/028175
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :148/152 route de la Reine F 92100 Boulogne Billancourt France
(72)**Name of Inventor :**
1)PUTTASWAMY NAGA Krishna P.
2)ANAND Ashok

(57) Abstract :
Various embodiments provide a method and apparatus of providing an RE aware technique for placing slots based on redundancy across and within slot communication pairs.

No. of Pages : 42 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.549/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SOLAR PANEL RACK

(51) International classification :F24J2/52
(31) Priority Document No :13/543569
(32) Priority Date :06/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/048695
Filing Date :28/06/2013
(87) International Publication No :WO 2014/008137
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDUSTRIAL ORIGAMI INC.
Address of Applicant :6755 Engle Road Middleburg Heights Ohio 44130 U.S.A.
(72)**Name of Inventor :**
1)DURNEY Max W.
2)BELL Keith A.

(57) Abstract :
A solar panel rack (100) may comprise a vertical support (105) a transverse support (110) brackets (120) attaching hollow beams to the transverse support (110) and brackets (125) configured to attach solar panels (130) or solar panel assemblies to the hollow beams (115). Internal splices (135) may couple collinearly arranged hollow beams (115) in the solar panel rack (100). Some or all of these components may be formed from folded sheet metal blanks comprising bend lines predefined by bend inducing features formed in the blanks. Preformed slots holes or other openings in the sheet metal blanks may predefine the relative positions of various components in the solar panel rack (100) and predefine the positions of solar panels (130) or solar panel assemblies to be supported by the solar panel rack (100). Individual components of the solar panel rack (100) may be useful in other structures and applications apart from solar panel racks.

No. of Pages : 52 No. of Claims : 33

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

(21) Application No.2579/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COVER ATTACHMENT STRUCTURE FOR ROBOT AND ROBOT HAVING THE SAME •

(51) International classification :B25J
(31) Priority Document No :2013-229785
(32) Priority Date :05/11/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DENSO WAVE INCORPORATED
Address of Applicant :1 Aza Yoshiike, Oaza Kusagi, Agui-cho, Chita-gun, Aichi-pref., 470-2297, Japan
(72)**Name of Inventor :**
1)HIROSHI YAMAGUCHI

(57) Abstract :
To provide a cover attachment structure in which projection and recess is not generated by making a fastening member such as bolt not to be exposed from a surface of a cover, and a robot having the cover attachment structure. [Solution] A cover attachment structure for attaching a cover to a predetermined component of a robot includes a first component 31, a second component 61 and a third component 70. The first component is disposed to the predetermined component of the robot. The second component is disposed to an inner part of the cover. The first component 31 and the second component 61 are engaged with each other through the third component. The first component 31 and the second component 61 are drawn to each other by the third component in a manner that the predetermined component and the cover are brought close to each other.

No. of Pages : 37 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2013

(21) Application No.3744/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ANTI-DIABETIC COMPOSITION COMPRISING HERBAL EXTRACT OF JATROPHA INTEGERRIMA JACQ AND USES 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

(71)**Name of Applicant :**
1)GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR
Address of Applicant :GURU JAMBHESHWAR UNIVERSITY OF SCIENCE AND TECHNOLOGY, HISAR-125001, HARYANA, INDIA
(72)**Name of Inventor :**
1)PROF. SURENDRA KUMAR SHARMA
2)HARNEET SINGH

(57) Abstract :
The present invention relates to use of extracts of Jatropha integerrima Jacq. for the treatment of diabetes mellitus. The present invention fbrther relates to a pharmaceutical composition comprising extract of Jatropha integerrima Jacq. roots. More particularly, the present invention relates to an anti-diabetic pharmaceutical composition comprising methanolic and/or aqueous extracts of Jatropha integerrima Jacq. roots.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015

(21) Application No.450/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMBINATIONS COMPRISING A B RAF INHIBITOR AN EGFR INHIBITOR AND OPTIONALLY A PI3K ALPHA INHIBITOR

(51) International classification :A61K31/506,A61K31/4439,A61K31/517
(31) Priority Document No :61/680473
(32) Priority Date :07/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/053619
Filing Date :05/08/2013
(87) International Publication No :WO 2014/025688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :Lichtstrasse 35 CH 4056 Basel Switzerland
(72)**Name of Inventor :**
1)CAPONIGRO Giordano
2)STUART Darrin
3)MOUTOUH DE PARSEVAL Laure

(57) Abstract :
A pharmaceutical combination comprising (a) a B Raf inhibitor (b) a EGFR inhibitor and optionally (c) a PI3K inhibitor; the uses of such combination in the treatment of proliferative diseases; and methods of treating a subject suffering from a proliferative disease comprising administering a therapeutically effective amount of such combination.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.508/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ASSEMBLY COMPRISING A PLUGGING IN UNIT A RECEIVING BASE UNIT AND A STEEL RECTANGULAR MOUNTING BRACKET

(51) International classification :H01R9/24,H01R27/02,H01R4/36
(31) Priority Document No :2012903124
(32) Priority Date :23/07/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/IB2013/001597
Filing Date :23/07/2013
(87) International Publication No :WO 2014/016662
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ELSTEEL (PVT) LTD.
Address of Applicant :Spur road 2 Phase 1 EPZ 11420 Katunayake Sri Lanka
(72)**Name of Inventor :**
1)LOGSTRUP Erik

(57) Abstract :
The invention is a L shape integrated compact outgoing plug adapted in electrical distribution and control systems or motor control centers. The plug mainly comprises a male plugging in unit (10) and a female receiving base unit (60) developed to establish all type of connections extending out from a withdrawable unit with their corresponding out going cables in the cable compartment. It integrates out going power control/auxiliary and data connections into a single assembly and passes the connections to out going cables. As a whole when both units (10 60) are plugged in together the plug has an innovative L shape which enables to divert the connections from device compartment to the adjoining cable compartment directly without using a set of intermediate conductors.

No. of Pages : 27 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.551/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SUBSTRATE IMAGING UNIT AND IMAGING DEVICE

(51) International classification :H05K3/46,H05K1/05
(31) Priority Document No :2012141508
(32) Priority Date :22/06/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001678
Filing Date :13/03/2013
(87) International Publication No :WO 2013/190748
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIKON CORPORATION
Address of Applicant :12 1 Yurakucho 1 chome Chiyoda ku Tokyo 1008331 Japan
(72)**Name of Inventor :**
1)SUGANUMA Ryoichi
2)ARIMA Hirofumi
3)SUZUKI Satoru
4)SATO Takuya

(57) Abstract :
This substrate is equipped with: a first insulating layer; a second insulating layer that has an elasticity modulus different from the elasticity modulus of the first insulating layer; and a core layer that is sandwiched between the first insulating layer and the second insulating layer and has a higher rigidity than the first insulating layer and the second insulating layer.

No. of Pages : 89 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.465/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ADJUSTING RECEIVE TRANSMIT TIMING TO COMPENSATE FOR SWITCHING ERRORS IN A COMMUNICATION SYSTEM

(51) International classification	:H04B7/06,H04W56/00,H04B17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/SE2012/050847 :20/07/2012
(87) International Publication No	:WO 2014/014396
(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)TELEFONAKTIEBOLAGET L M ERICSSON (publ)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)NEJATIAN Alireza
2)KAZMI Muhammad

(57) Abstract :
Techniques for compensating for the time misalignment of receive transmit switching in a multi antenna radio network node are disclosed. An example method begins with the detection (1020) of signal transmission timing for each of two or more antennas associated with the radio network node for at least a first transmission period. Next the radio network node determines (1030) that transmit timing for at least one of the antennas is misaligned by at least a first threshold time interval based on the detected signal transmission timings. The example method continues with the adjustment (1040) of transmit timing for at least one of the antennas for one or more subsequent transmission periods responsive to determining that the transmission timing for at least one of the antennas is misaligned.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.481/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RANDOM INTRAESTERIFICATION

(51) International classification :C11C3/10
(31) Priority Document No :PCT/EP2012/064546
(32) Priority Date :24/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065408
Filing Date :22/07/2013
(87) International Publication No :WO 2014/016245
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADVANTA INTERNATIONAL BV
Address of Applicant :Strawinkylaan 1143 Tower C 11 NL 1077 XX Amsterdam Netherlands
(72)**Name of Inventor :**
1)PAN Lucas Guillermo
2)DUBINSKY Eduardo Pedro
3)GRONDONA Martin Oscar
4)ZAMBELLI Andrs Daniel
5)LEON Alberto Javier

(57) Abstract :
The present invention relates to a method for modifying one or more types of triglycerides in a fat comprising subjecting a single fat selected from the group consisting of high stearic high oleic sunflower oil high stearic high oleic soybean oil high stearic high oleic rapeseed oil high stearic high oleic cottonseed oil palm olein and shea olein to an intraesterification process in which the fatty acids of the triglycerides of said oil or fat are randomly redistributed between the triglycerides to obtain an oil or fat with a modified solid fat content (SFC) profile. Further the present invention relates to the obtained fats and use thereof.

No. of Pages : 18 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.511/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTIPART COIN BLANK AND COIN

(51) International classification :A44C21/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/003239
Filing Date :30/07/2012
(87) International Publication No :WO 2014/019593
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAXONIA EUROCOIN GMBH
Address of Applicant :Erzstrasse 5a 09633 Halsbr¼cke Germany
2)BAYERISCHES HAUPTMNZAMT
3)CRANE PAYMENT SOLUTIONS
4)STAATLICHE MNZEN BADEN WRTTEMBERG
(72)**Name of Inventor :**
1)BILAS Thomas
2)HUBER Peter
3)LI Konstantin
4)MEYER STEFFENS Klaus
5)SIEGEL Stephan
6)WAADT G¼nther

(57) Abstract :
A coin blank provides an inner portion (1) and at least one outer portion (2) surrounding the inner portion (1). A dielectric isolation layer (3) is arranged between the inner portion (1) and the outer portion (2) and connects the inner portion (1) and the outer portion (2) in a force locking manner. The isolation layer (3) is transparent in a first wavelength range and may be based on a transparent polymer. The isolation layer (3) may contain additives absorbing and/or reflecting light in a second wavelength range.

No. of Pages : 15 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.541/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APPARATUS FOR REMOVAL OF ALKALINE EARTH METAL SALT SCALE AND METHOD

(51) International classification :B08B7/00,B08B9/04,E21B37/00
(31) Priority Document No :P1200406
(32) Priority Date :05/07/2012
(33) Name of priority country :Hungary
(86) International Application No :PCT/US2013/049464
Filing Date :05/07/2013
(87) International Publication No :WO 2014/008482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SLD ENHANCED RECOVERY INC.
Address of Applicant :4606 Fm 1960 West Suite 400 Houston TX 77069 U.S.A.
(72)**Name of Inventor :**
1)BOZSO Tamas
2)BOZSO Robert

(57) Abstract :
A method to remove an alkaline earth.metal salt scale deposits from a pipe comprises introducing a laser head (4) into a pipe (1) isolating a pipe section to be cleaned (8) adjacent to a scale deposit (2) on an interior wall of a pipe using a packer (6) filling the section of the pipe to be cleaned (8) with gas to displace laser obstructing materials activating a laser element in the laser head (4) to heat a surface layer of the scale deposit (2) above a thermal decomposition temperature and washing the thermally decomposed scale deposit (2) with water. The thermally decomposed scale deposit (2) becomes at least partially soluble and removable as a result of being heated.

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.557/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ABSORBENT ARTICLES COMPRISING PATTERNED NONWOVEN MATERIALS

(51) International classification :A61F13/84,A61F13/15
(31) Priority Document No :61/678159
(32) Priority Date :01/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/053203
Filing Date :01/08/2013
(87) International Publication No :WO 2014/022652
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)FERRER John
2)XU Han

(57) Abstract :
An absorbent article comprising a topsheet comprising a first nonwoven material having a first visible element a backsheet comprising a second nonwoven material having a second visible element and an absorbent core disposed between the topsheet and the backsheet wherein the first visible element and the second visible element are matching visible elements. Matching visible elements may enhance a caregiver s understanding of breathability and air flow between absorbent article components by indicating a pathway for air to flow.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/11/2012

(21) Application No.3410/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF BIOFILM USING PLANT GUM FORMULATION

(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 11 0001, INDIA.
(72)**Name of Inventor :**
1)SRIVASTAVA MANJOOSHA
2)MISRA ANKITA
3)SRIVASTAVA SHARAD
4)RAWAT AJAY KUMAR SINGH

(57) Abstract :
An improved process for preparation of biofilm using plam gum formulation: Present invention provides an improved process for biofilm preparation using novel plant gum formulations and its application for development of stable and biodegradable films as novel product. The formulation comprises natural plant gums, polysaccharides from plant resources, gum binders, hydrocolloids, and natural additives. The films developed from formulations are water soluble, non-hygroscopic, polymeric, and plastic to elastic in nature, stable, biodegradable and developed in varied forms and natural colours. The said product has wide scope for domestic and industrial purposes for food, medicine, textiles, substitute of gelatin, coatings, packaging and cosmetics.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/04/2014

(21) Application No.3410/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PRESSURE MEASURING GLOW PLUG

(51) International classification :F23Q7/00
(31) Priority Document No :10 2011 088 468.8
(32) Priority Date :14/12/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/074932
Filing Date :10/12/2012
(87) International Publication No :WO 2013/087564
(61) 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)SCHOLZEN Holger
2)KOETZLE Wolfgang
3)WOLFF Janpeter

(57) Abstract :
A pressure measuring glow plug is proposed having a housing in which a glow plug (21) for igniting a combustion mixture of an internal combustion engine and a pressure sensor (30) for detecting a combustion chamber pressure of the internal combustion engine are arranged. The pressure measuring glow plug has a connecting unit (40) which comprises a support (41) for receiving a signal processing unit (60) and a plug connection (52) with connector contacts (54) in a plug housing (50). At least one glow module housing (20) for receiving the glow plug (21) and the pressure sensor (30) and an electronic module housing (80) for receiving the support (41) are provided. The electronic module housing (80) is connected at a glow module side connecting point (85) to the glow module housing (20) and at a plug side connecting point (86) to the plug housing (50).

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

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

(21) Application No.3711/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ANTIBACTERIAL PROPERTY OF GREEN SEAWEED CHAETOMORPHA SP. AGAINST HELICOBACTER PYLORI

(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 CAMPUS SECTOR-125, NOIDA-201303, UP, INDIA
(72)**Name of Inventor :**
1)DR. SUBHASHA NIGAM
2)DR. RAJASHREE DAS
3)VALENTINA GEHLOT
4)SURBHI SINHA

(57) Abstract :
Antibacterial property of Green Seaweed Chaetomorpha sp. agai st Helicobacter pylori f 9 f C The present invention relates to the use of bioactive extract isolated from the algae as potent anti- Helicobacterpylori agent. The methanolic extract of seaweed have shown tremendous activity against antibiotic resistant stains of H. pylori. \ P

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.496/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR PROCESSING NETWORK MESSAGES IN AN ACCELERATED PROCESSING DEVICE

(51) International classification :H04W28/00,H04W80/02
(31) Priority Document No :13/566890
(32) Priority Date :03/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/002440
Filing Date :02/08/2013
(87) International Publication No :WO 2014/020450
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ATI TECHNOLOGIES ULC
Address of Applicant :One Commerce Valley Drive East Markham ON L3T 7N6 Canada
(72)**Name of Inventor :**
1)HAQ Moiz

(57) Abstract :
The present method and system enables receiving a radio frequency (RF) signal. The received RF signal is assigned to a single instruction multiple data (SIMD) module in an accelerated processing device (APD) for processing to extract network messages. The extracted network layer messages are further processed by the SIMD module to obtain data transmitted via the RF signal.

No. of Pages : 22 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.558/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HANDLING DEVICE FOR HANDLING A ROTOR BLADE MOLD FOR PRODUCING A ROTOR BLADE OF A WIND TURBINE

(51) International classification :B29C31/00,B29D99/00,F03D1/00
(31) Priority Document No :10 2012 211 455.6
(32) Priority Date :02/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/063842
Filing Date :01/07/2013
(87) International Publication No :WO 2014/006000
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WOBBEN PROPERTIES GMBH
Address of Applicant :Dreekamp 5 26605 Aurich Germany
(72)**Name of Inventor :**
1)GEORGS Arno
2)BIEBL Herbert
3)SCHLTER Rainer

(57) Abstract :
The invention relates to a transport vehicle (1) for handling a rotor blade mold for producing a rotor blade of a wind turbine or a partial shell of a rotor blade of a wind turbine prepared for use in a handling device (60). The handling device (60) comprises a first rail set for moving the transport vehicle in a first direction and a second rail set for moving the transport vehicle in a second direction. Furthermore the transport vehicle has a first wheelset (10) comprising a plurality of wheels (13) for travelling on the first rail set and a second wheelset (20) comprising a plurality of wheels (23) for travelling on the second rail set.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.459/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR CATALYST RECOVERY AND OPTIONAL RECYCLE IN A SLURRY HYDROCRACKING PROCESS

(51) International classification :B01J38/60,B01J38/68,C10G47/00
(31) Priority Document No :13/568473
(32) Priority Date :07/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052448
Filing Date :29/07/2013
(87) International Publication No :WO 2014/025561
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UOP LLC
Address of Applicant :25 East Algonquin Road P.O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.
(72)**Name of Inventor :**
1)GATTUPALLI Rajeswar R.
2)YOKOMIZO Grant H.
3)DZIABALA Bart

(57) Abstract :
A process for slurry hydrocracking catalyst recovery is described. In one embodiment the process includes separating effluent from a slurry hydrocracking zone into a first portion comprising solvent and clarified pitch and a second portion comprising pitch and catalyst. The second portion is contacted with an acid to leach the catalyst out of the pitch forming an aqueous solution and pitch residue. The aqueous solution is contacted with an anion to form an insoluble salt which is the catalyst.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.503/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR THE PRODUCTION OF SOLID SURFACES FOR CONSTRUCTION

(51) International classification :E04C2/02
(31) Priority Document No :P201231084
(32) Priority Date :11/07/2012
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2013/070491
Filing Date :09/07/2013
(87) International Publication No :WO 2014/009585
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COSENTINO RESEARCH AND DEVELOPMENT S.L
Address of Applicant :Ctra. Baza Huercal Overa Km. 59 E 04850 Cantoria Almera Spain
(72)**Name of Inventor :**
1)BENITO LPEZ Jose Manuel
2)JARA GUERRERO Juan Antonio

(57) Abstract :
The invention relates to a method for the production of solid surfaces for construction in particular large boards made from completely inorganic components for use as kitchen worktops bathroom surfaces building cladding materials flooring and for other uses related to the field of construction. The invention is suitable for both indoor and outdoor environments.

No. of Pages : 23 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.546/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RAZOR CARTRIDGE

(51) International classification :B26B21/40
(31) Priority Document No :61/675068
(32) Priority Date :24/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051789
Filing Date :24/07/2013
(87) International Publication No :WO 2014/018604
(61) 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 GILLETTE COMPANY
Address of Applicant :World Shaving Headquarters IP/Legal Patent Department 3E One Gillette Park Boston Massachusetts 02127 U.S.A.
(72)**Name of Inventor :**
1)OGLESBY Oliver David
2)PASKINS Keith Edward
3)PATEL Ashok Bakul
4)YU Weili

(57) Abstract :
A razor having a housing a guard located at a front of the housing and a cap located at a rear of the housing. A skin contact plane is tangential to the guard and the cap. A blade couplet is disposed in the housing the blade couplet being formed of a leading blade having a leading edge and a trailing blade having a trailing edge both edges being directed towards the front of the housing and the leading blade being positioned between the guard and the trailing blade. There is a span of between 25 µm and 850 µm between the leading edge and the trailing edge the leading edge has an exposure of 25 µm to 500 µm below the skin contact plane the trailing edge is positioned in line with or above the leading edge and has an exposure of between 150 µm above the skin contact plane to 300 µm below the skin contact plane and the difference in exposure between the leading edge and the trailing edge is equal to or less than the span between the leading edge and the trailing edge.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.561/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PLANT CONTROL DEVICE

(51) International classification :G05B13/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/071863
Filing Date :29/08/2012
(87) International Publication No :WO 2014/033858
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan
(72)**Name of Inventor :**
1)NAKADA Hayato

(57) Abstract :
A plant control device according to the present invention is provided with a feedback controller and a reference governor. The feedback controller is configured to determine control input of a plant by feedback control so as to cause output values of a control quantity for the plant to approach a target value. The reference governor is configured so as to calculate a future predicted value for a specific state quantity of the plant using a closed loop system model that includes the plant and the feedback controller and on the basis of the predicted value for the specific state quantity and a constraint imposed upon the specific state quantity correct the target value imparted to the feedback controller. More specifically the reference governor is configured so as to search for optimal values for a criterion function represented using an objective function that treats a candidate as a corrected target value and a penalty function that imposes a penalty on the objective function if the predicted value for the specific state quantity conflicts with the constraint and to determine a corrected target value candidate which optimizes the criterion function as a corrected target value.

No. of Pages : 26 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/10/2014

(21) Application No.2817/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SPHERICAL-ANNULAR BLOWOUT PREVENTER HAVING A PLURALITY OF PISTONS

(51) International classification :E21B
(31) Priority Document No :14/087091
(32) Priority Date :22/11/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZP INTERESTES, LLC
Address of Applicant :5315B FM1960 W #180, HOUSTON, TEXAS 77069, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)HERNANI G. DEOCAMPO
2)DEAN MADELL
3)DENNIS D. LAM

(57) Abstract :
A blowout preventer assembly is provided and is generally configured having an 5 upper housing, a lower housing with a plurality of internally interconnected cylinders, a one piece energizing ring, and a plurality of individual bottom cover plates all enclosing a lower housing column bore for receiving well pipe. The blowout preventer assembly also has a plurality of annular pistons, a plurality of associated glands disposed in each cylinder with each piston, a main seal with a 10 plurality of main seal ribs, an adaptor ring, and various dedicated and associated seals and threaded attachments.

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

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

(21) Application No.3365/DEL/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TURBOMACHINE

(51) International classification :B23P15/04
(31) Priority Document No :CO2011A000058
(32) Priority Date :05/12/2011
(33) Name of priority country :Italy
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NUOVO PIGNONE S.P.A
Address of Applicant :VIA FELICE MATTEUCCI, 2 50127 FLORENCE (IT) Italy
(72)**Name of Inventor :**
1)LANDI, GIACOMO

(57) Abstract :
A turbo machine includes a turbo stator having a shroud, a turbo rotor having an impeller within the shroud, a brush seal between the impeller and the shroud, and at least one vane extending from the shroud toward the impeller upstream of the brush seal.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2014

(21) Application No.3459/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOVING IMAGE SENSOR HAVING MULTIPHASE DIGITAL SUMMATION

(51) International classification :H04N5/374,H04N5/372,H04N5/3745
(31) Priority Document No :1160040
(32) Priority Date :04/11/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/070658
Filing Date :18/10/2012
(87) International Publication No :WO 2013/064380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)E2V SEMICONDUCTORS
Address of Applicant :Avenue de Rochepleine F 38120 Saint Egreve France
(72)**Name of Inventor :**
1)MAYER Frdric
2)BUGNET Henri

(57) Abstract :
The invention relates to moving image sensors having integration of charges using active pixels in CMOS technology. The sensor comprises N fines of pixels, and each pixel of generally square shape comprises two (but can also comprise three or four) photodiodes (PPDz , PPDbi) and charge storage nodes (NDCi, NDEi), having means for transferring charges from each photodiode to one or the other of the storage nodes. The control of the transfer of the photodiodes to one and then to the other one of the storage nodes is carried out in such a manner that a storage node successively receives, during two successive phases of a periodic cycle, the charges of two photodiodes which detected the same image portion during the two phases. The charges received by one of the storage nodes during the first phase are added to the charges received by the other storage node in the following phase.

No. of Pages : 41 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.499/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD FOR PRODUCTION OF BUILDING MATERIAL CONTAINING FIBER CEMENT

(51) International classification :B28B1/00,B28B1/26,C04B28/02
(31) Priority Document No :2013/06987
(32) Priority Date :10/06/2013
(33) Name of priority country :Turkey
(86) International Application No :PCT/IB2014/062090
Filing Date :10/06/2014
(87) International Publication No :WO 2014/199290
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DALSAN YATIRIM VE INSAAT ANONIM SIRKETI
Address of Applicant :Samyeli Sokak No. 8 06060 Buyuksanayi Ankara Turkey
(72)**Name of Inventor :**
1)DALOGLU Mehmet Bahattin

(57) Abstract :
The present invention relates to a method(100)for economically producing a building material containing fiber cement having different patterns used for indoor and outdoor claddings of the buildings in a short time. By performing said inventive method (100) it is possible to produce building materials having variety of surface patterns and/or having different patterns on their faces.

No. of Pages : 10 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.544/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GLUCAGON ANALOGUES

(51) International classification :C07K14/605,C12N1/15,C12N1/21
(31) Priority Document No :61/674706
(32) Priority Date :23/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/065519
Filing Date :23/07/2013
(87) International Publication No :WO 2014/016300
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZEALAND PHARMA A/S
Address of Applicant :Smedeland 36 DK 2600 Glostrup Denmark
(72)**Name of Inventor :**
1)RIBER Ditte
2)GIEHM Lise

(57) Abstract :
The present invention relates to glucagon analogues and their medical use for example in the treatment of hypoglycaemia. In particular the present invention relates to stable glucagon analogues suitable for use in a liquid formulation.

No. of Pages : 61 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.576/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BLAST FURNACE INSTALLATION

(51) International classification :C21B7/00,B02C21/00,C21B5/00
(31) Priority Document No :2012206777
(32) Priority Date :20/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/073879
Filing Date :05/09/2013
(87) International Publication No :WO 2014/045877
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan
(72)**Name of Inventor :**
1)NAKAGAWA Keiichi
2)OMOTO Setsuo
3)SAKAGUCHI Masakazu
4)HAMADA Tsutomu
5)OKADA Takeshi

(57) Abstract :
This blast furnace installation (100) is configured such that when pulverized coal (18) which has been prepared by pulverizing high grade coal (12) supplied by a feeder (152) to a roller mill (153) is pneumatically conveyed into a supply tank (120) by means of a combustion gas (108) pulverized coal (8) which has been prepared by drying dry distilling cooling and pulverizing low grade coal (2) with a drying device (122) a dry distillation device (123) a cooling device (124) and a pulverization device (125) is supplied from a storage tank (126) by a feeder (127) and pneumatically conveyed into the supply tank (120) by means of a nitrogen gas (102) and then the pulverized coals (8 18) in the supply tank are pneumatically conveyed from a supply line (119) into an injection lance (116) by means of a carrier gas (107) a control unit (160) controls the feeders so as to gradually increase the supply amount (C2) of pulverized coal (8) while maintaining the total amount of supply amount (C1) of pulverized coal (18) and supply amount (C2) of pulverized coal (18) to be supplied to the tuyere at a prescribed amount (Ct).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015

(21) Application No.449/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SLAG REMOVAL DEVICE

(51) International classification :C21B7/00,C21B5/00,F27D25/00
(31) Priority Document No :2012207271
(32) Priority Date :20/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/074411
Filing Date :10/09/2013
(87) International Publication No :WO 2014/045947
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan
(72)**Name of Inventor :**
1)SAKAGUCHI Masakazu
2)HAMADA Tsutomu
3)OKADA Takeshi
4)OMOTO Setsuo
5)NAKAGAWA Keiichi

(57) Abstract :
Provided is a slag removal device for a blow pipe that reduces the risk of pipe breakage etc. and is capable of achieving easy and reliable slag removal using a simple device configuration. The slag removal device comprises a blow pipe (30) that injects auxiliary fuel pulverized coal together with hot air from a tuyere (22) for a blast furnace main body (20) that produces pig iron from iron ore. The slag removal device for a blow pipe including a component that melts on to the pulverized coal slag as a result of the hot air and/or the combustion heat of the pulverized coal comprises a fluid jet nozzle (80) that sprays fluid towards a slag adhesion area inside the blow pipe (30).

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.494/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CUSTOMER CENTRIC PICKUP LOCATIONS

(51) International classification :G06Q10/08
(31) Priority Document No :13/589557
(32) Priority Date :20/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/055867
Filing Date :20/08/2013
(87) International Publication No :WO 2014/031691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMAZON TECHNOLOGIES INC.
Address of Applicant :P.O. Box 8102 Reno Nevada 89507 U.S.A.
(72)**Name of Inventor :**
1)SHAKES Jonathan J.
2)ZOU Qi

(57) Abstract :
A temporary pickup location that is located within a delivery area during a predefined timeframe provides an opportunity to customers to retrieve orders for items at a time and location that is convenient for them. In addition the customers can pay for the items at retrieval (COD) and avoid the bulk and waste of shipping packages. In some implementations temporary pickup locations are made available by planning to position a delivery agent and transportation unit at a predefined location during a predefined timeframe during which customers can plan to retrieve ordered items.

No. of Pages : 57 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.538/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : N-ALKYL 2-(DISUBSTITUTED)ALKYNYLADENOSINE-5-URONAMIDES AS A2A AGONISTS

(51) International classification :A61K31/70,C07H19/167
(31) Priority Document No :61/678605
(32) Priority Date :01/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/053053
Filing Date :31/07/2013
(87) International Publication No :WO 2014/022577
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LEWIS AND CLARK PHARMACEUTICALS INC.
Address of Applicant :1180 Seminole Trail Suite 495 Charlottesville Virginia 22901 U.S.A.
(72)**Name of Inventor :**
1)THOMPSON Robert
2)BEAUGLEHOLE Anthony
3)WANG Guoquan

(57) Abstract :
The present invention provides N-alkyl 2-(disubstituted)alkynyladenosine-5-uronamides and derivatives thereof and pharmaceutical compositions containing the same that are selective agonists of A2A adenosine receptors (ARs). These compounds and compositions are useful as pharmaceutical agents.

No. of Pages : 80 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.552/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ANTIBODY SPECIFIC FOR CD22 AND METHODS OF USE THEREOF

(51) International classification :A61K39/00
(31) Priority Document No :61/673630
(32) Priority Date :19/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050489
Filing Date :15/07/2013
(87) International Publication No :WO 2014/014821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)REDWOOD BIOSCIENCE INC.
Address of Applicant :5703 Hollis Street Emeryville California 94608 U.S.A.
(72)**Name of Inventor :**
1)RABUKA David
2)HOLGATE Robert George Edward
3)CARR Francis Joseph

(57) Abstract :
The present disclosure provides antibodies specific for an epitope present on CD22. The antibodies are useful in various treatment diagnostic and monitoring applications which are also provided. An anti CD22 antibody of the present disclosure can in some cases induce apoptosis in a cell that expresses CD22 on its cell surface. A subject antibody specifically binds a CD22 polypeptide where the epitope comprises amino acid residues within a CD22 antigen (e.g. within amino acids 1 to 847 within amino acids 1 759 within amino acids 1 751 or within amino acids 1 670 of a CD22 amino acid sequence).

No. of Pages : 89 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.568/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HERBICIDAL COMPOSITIONS COMPRISING 4-AMINO-3-CHLORO-5-FLUORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID

(51) International classification :A01N43/40
(31) Priority Document No :61/674995
(32) Priority Date :24/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051027
Filing Date :18/07/2013
(87) International Publication No :WO 2014/018359
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A.
(72)**Name of Inventor :**
1)SATCHIVI Norbert M.
2)BANGEL Bryston L.

(57) Abstract :
A herbicidal composition con taining (a) a compound of formula (I): 4-Amino- Ni 3-chloro-6-(4-chloro-2-fluoro-3- methoxyphenyl) -5-fluoropyridine -2-carboxylic acid or an agriculturally acceptable salt or ester thereof and (b) a sulfonylaminocarbonyltriazone herbicide, or an agriculturally acceptable salt or ester thereof.

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

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

(21) Application No.5831/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DETECTION OF MECA VARIANT STRAINS OF METHICILLIN RESISTANT STAPHYLOCOCCUS AUREUS

(51) International classification :C12Q1/68
(31) Priority Document No :11306776.3
(32) Priority Date :23/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/076856
Filing Date :21/12/2012
(87) International Publication No :WO 2013/093106
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BIOMERIEUX
Address of Applicant :F 69280 Marcy LEtoile France
(72)**Name of Inventor :**
1)PAILLIER Fran§ois
2)CHAMBON Cline
3)SAINT PATRICE Cathy

(57) Abstract :
The present invention provides improved tests for the detection of methicillin-resistant Staphylococcus aureus bearing a variant mecA gene. The tests are particularly useful for eliminating certain false negative results due to the presence of this variant in MRSA in patient samples

No. of Pages : 81 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2014

(21) Application No.3358/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GLUCOSYL STEVIA COMPOSITION

(51) International classification :A23L1/236
(31) Priority Document No :61/548818
(32) Priority Date :19/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/052665
Filing Date :28/08/2012
(87) International Publication No :WO 2013/058871
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PURECIRCLE USA INC.
Address of Applicant :915 Harger Road Suite 250 Oak Brook IL 60523 1492 U.S.A.
(72)**Name of Inventor :**
1)MARKOSYAN Avetik

(57) Abstract :
Glucosyl stevia compositions are prepared from steviol glycosides of Stevia rebaudiana Bertom. The glucosylation was performed by cyclodextrin glucanotransferase using the starch as source of glucose residues. The compositions were purified to >95% content of total steviol glycosides. The compositions can be used as sweetness enhancers, flavor enhancers and sweeteners in foods, beverages, cosmetics and pharmaceuticals.

No. of Pages : 22 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.497/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : USE OF BRANCHED POLYESTERS BASED ON CITRIC ACID AS AN ADDITIVE IN DISH SOAPS CLEANING AGENTS DETERGENTS OR A FORMULATION FOR WATER TREATMENT

(51) International classification :C11D3/37,C11D17/00,C02F5/10
(31) Priority Document No :12177751.0
(32) Priority Date :25/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/064877
Filing Date :15/07/2013
(87) International Publication No :WO 2014/016148
(61) 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)DETERING J¼rgen
2)HABERECHT Monika
3)MLLER CRISTADORO Anna
4)WEBER Heike

(57) Abstract :
The invention relates to the use of branched polyesters that can be obtained by polycondensing citric acid using at least one polyalcohol and optionally using a polycarboxylic acid component as an additive in dish soaps cleaning agents detergents or a formulation for water treatment and mixtures containing such branched polyesters. The invention further relates to the use of hydrophobically modified branched polyesters and the method for cleaning washing or water treatment using such branched polyesters.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.512/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : USE OF A MAIZE UNTRANSLATED REGION FOR TRANSGENE EXPRESSION IN PLANTS

(51) International classification :C12N15/82
(31) Priority Document No :61/684255
(32) Priority Date :17/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054102
Filing Date :08/08/2013
(87) International Publication No :WO 2014/028295
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A.
(72)**Name of Inventor :**
1)KUMAR Sandeep
2)GUPTA Manju
3)ALABED Diaa

(57) Abstract :
Provided are methods vectors and gene constructs for enhancing expression of a recombinant nucleic acid sequence in transgenic plants and plant tissues. According to the present invention nucleic acid sequences are obtained and/or derived from the 3 untranslated regions of genes encoding ubiquitin proteins and engineered to flank respective portions of a selected coding region of a vector. The vector construct may be introduced into plants and/or plant tissues through conventional or gene targeting procedures resulting in enhanced expression of the selected coding region. In some embodiments the selected coding region is a chimeric gene or gene fragment expressing one or more proteins known to impart a level of insecticidal activity to a transgenic plant and/or plant tissue.

No. of Pages : 55 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.526/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTERNAL COMBUSTION ENGINE

(51) International classification :F16F15/26
(31) Priority Document No :2012234321
(32) Priority Date :24/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/IB2013/002542
Filing Date :17/10/2013
(87) International Publication No :WO 2014/064523
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471 8571 Japan
(72)**Name of Inventor :**
1)SAKATA Kunihiko

(57) Abstract :
In an engine (internal combustion engine) (100) a crankcase (12) is provided with a fastening area (120d) that surrounds the opening (12b) and contacts the oil pan (13) a balance shaft housing (33) is disposed in the crankcase (12) to surround the opening (12b) and four housing side fastening sections (12a) are provided to the crankcase (12) to fasten the crankcase (12) and the balance shaft housing (33). The fastening section (12a) of the four housing side fastening sections (12a) in a first axial direction side of a balance shaft is disposed on the inside of the fastening area (120d) and the fastening section (12a) of the four housing side fastening sections (12a) in a second axial direction side of the balance shaft is disposed on the outside of the fastening area (120d).

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.586/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED FRAME FOR CLIMBING SCREEN

(51) International classification :E04G21/32,E04G3/00,E04G3/18
(31) Priority Document No :2012902703
(32) Priority Date :26/06/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000689
Filing Date :26/06/2013
(87) International Publication No :WO 2014/000034
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FORM 700 PTY LTD
Address of Applicant :270 Blackshaws Road Altona North 3025 Victoria Australia
(72)**Name of Inventor :**
1)ROSATI Wasyl

(57) Abstract :
This invention relates to a safety screen for use on the side of a multistorey building during the construction thereof and in particular to a means for supporting a safety screen with respect to the building. The safety screen assembly comprises a base for fixing with respect to a slab of a building a frame means depending from the base so as to overhang an edge of the slab and a safety screen depending from the frame means so as to be horizontally spaced apart from the edge of the slab wherein the frame means is adapted to support a person in a position between the edge of the slab and the safety screen.

No. of Pages : 14 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.529/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTIPLE RACK APPARATUS FOR ACCOMMODATING BIOLOGICAL PRODUCT CONTAINERS UNLOADED FROM A STORAGE FOR THE PRESERVATION OF THE SAME INTERFACED WITH A LABORATORY AUTOMATION SYSTEM

(51) International classification	:G01N35/00,A01N1/02,B65G1/133
(31) Priority Document No	:MI2012A001111
(32) Priority Date	:25/06/2012
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2013/062833
Filing Date	:20/06/2013
(87) International Publication No	:WO 2014/001184
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INPECO HOLDING LTD.
Address of Applicant :B2 Industry Street Qormi QRM 3000 Malta
(72)**Name of Inventor :**
1)PEDRAZZINI Gianandrea

(57) Abstract :
There is described a multiple rack apparatus (1) for accommodating biological product containers (2) unloaded from a storage (3) for the preservation of the same interfaced with a laboratory automation system (4) comprising an odd number of said racks (7) which can be housed within a platform (6) having a number of locations (12,120) which is equal to said 10 odd number plus one. Said racks (7) can horizontally or vertically slide from one location (12,120) to another of said platform (6) taking advantage of the presence of a temporarily empty location (12 120) said racks (7) further occupying in turn an operating location (120) which being vertical with respect to an outlet tube (5) of said storage (3) accommodates said 15 biological product containers (2) unloaded from said storage (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.574/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SAFENED HERBICIDAL COMPOSITIONS INCLUDING 4 AMINO 3 CHLORO 5 FLUORO 6 (4 CHLORO 2 FLUORO 3 METHOXYPHENYL)PYRIDINE 2 CARBOXYLIC ACID

(51) International classification :A01N43/40
(31) Priority Document No :61/674990
(32) Priority Date :24/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051033
Filing Date :18/07/2013
(87) International Publication No :WO 2014/028165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A.
(72)**Name of Inventor :**
1)BECKER Joerg
2)SCHULZ Thomas

(57) Abstract :
A safened herbicidal composi tion for use, for example, in wheat or barley, comprising a herbicidally effective amount of (a) a compound of formula (I): 4-Amino-3- chloro-6-(4-chloro-2-fluoro-3-methoxyphenyl)- 5 fluoropyridine-2-carboxylic acid or an agri culturally acceptable salt or ester thereofand (b) a safener, for example, from the quinolinyloxyacetate family of chemicals, in cluding, but not limited to, cloquintocet mexyl, provide weed control of undesirable vegetation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.589/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IDENTIFICATION DETECTION TRACKING AND REPORTING SYSTEM

(51) International classification	:G06T7/00,G08B13/194,G08B13/196
(31) Priority Document No	:20120100385
(32) Priority Date	:19/07/2012
(33) Name of priority country	:Greece
(86) International Application No Filing Date	:PCT/GR2013/000041 :19/07/2013
(87) International Publication No	:WO 2014/013277
(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)CHATZIPANTELIS Theodoros
Address of Applicant :75 An. Mantaka Str. 73136 Pachiana Chania Crete Greece
(72)**Name of Inventor :**
1)CHATZIPANTELIS Theodoros

(57) Abstract :
Identification detection tracking and reporting system capable of identifying the objects beings components that exist or modify by any means the space it controls passes through investigates or guards comprising a photographic recording or other type of camera a camera capable of converting into figure or texture the images or pictures created a device capable of scanning the space with rays sound ultrasound waves and creating a figure or texture from the collected data a device capable of converting into texture the images pictures figures from the camera or the one created from scanning the space with rays sound ultrasound waves a device capable of scanning the texture with rays sound ultrasound waves creating the idol outline shape resulting from the tactile display of objects beings components and measuring the shape outline dimensions and the depth and distance between the spots in each of these idols comprising the texture a device for measuring the space velocity of moving objects beings components a device capable of analyzing and composing the data which result from the shape outline format the shape outline dimensions the depth and the distance between the spots making up the format of each idol of the tactile display the space velocity of moving idols configuring the shapes and identifying the objects beings components. The advantage of the present system relates to the provision of the ability of being informed about the actual identity of the objects beings components that exist or modify the space where it is used allowing us to choose the suitable way and means to act or react.

No. of Pages : 6 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.458/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ENDOSCOPIC BIOPSY INSTRUMENT ENDOSCOPE AND METHOD FOR TAKING A BIOPSY SAMPLE

(51) International classification :A61B10/04
(31) Priority Document No :12509097
(32) Priority Date :03/08/2012
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2013/066275
Filing Date :02/08/2013
(87) International Publication No :WO 2014/020150
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WALTHER Charles
Address of Applicant :Stora Sdergatan 57 A S 222 23 Lund Sweden
(72)**Name of Inventor :**
1)WALTHER Charles

(57) Abstract :
An endoscopic biopsy instrument (1) is disclosed comprising a guide wire (2) arranged in a sheath (3) a drill device (5) arranged at a first end (4) of said guide wire (2) and an actuator (11) for actuating said drill device (5) said actuator being arranged at a second end (10) of said guide wire (2). The drill device (5) comprises an outer tube (6) and an inner cutting device (7). The inner cutting device (7) is slidable and rotatable inside said outer tube (6). The inner cutting device (7) has a helical cutting edge (8). An endoscope comprising such an endoscopic instrument (1) is also disclosed as well as a method for taking a biopsy sample from a tissue of a subject.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.472/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXHAUST GAS TURBOCHARGER

(51) International classification :F02B37/18,F02B39/00,F02C6/12
(31) Priority Document No :102012013765.6
(32) Priority Date :11/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/US2013/049222
Filing Date :03/07/2013
(87) International Publication No :WO 2014/011468
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BORGWARNER INC.
Address of Applicant :Patent Department 3850 Hamlin Road Auburn Hills Michigan 48326 U.S.A.
(72)**Name of Inventor :**
1)STILGENBAUER Michael
2)RUH Matthias
3)SCHALL Gerald

(57) Abstract :
The invention relates to an exhaust gas turbocharger (1) comprising: a turbine housing (2) which has a turbine housing inlet (8) and a turbine housing outlet (9) for exhaust gas and which has a wastegate duct between the turbine housing inlet (8) and the turbine housing outlet (9) and a flap arrangement (10) comprising a pivotable flap lever (12) a flap plate (11) which is connected to the flap lever (12) for opening and closing the wastegate duct and having a spring element (17) which is arranged between the flap lever (12) and a disc (18) fastened to the flap plate (11) wherein the spring element (17) has an outer circumferential region (23) which is supported on a sliding contact surface (20) which is of curved form of the flap lever (12).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.560/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPOSITION FOR AGENT FOR EXTERNAL USE

(51) International classification :A61K8/49,A61K8/34,A61K8/73
(31) Priority Document No :2012166882
(32) Priority Date :27/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070144
Filing Date :25/07/2013
(87) International Publication No:WO 2014/017573
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TAISHO PHARMACEUTICAL CO. LTD.
Address of Applicant :24 1 Takada 3 chome Toshima ku Tokyo 1708633 Japan
(72)**Name of Inventor :**
1)IDA Tomoko
2)IDEURA Saori

(57) Abstract :
Upon attempting to design a pharmaceutical preparation by mixing minoxidil with a general thickening agent during a process for considering a minoxidil containing composition for an agent for external use in which dripping is inhibited it was discovered that the pharmaceutical preparation would have sediments or would cloud and that a sufficient viscosity of the pharmaceutical preparation could not be obtained. The minoxidil containing composition for an agent for external use of the present invention is characterized by containing minoxidil (a) a hydroxypropyl cellulose and hypromellose (b) ethanol (c) and water (d). Said composition is clear and has a good feel upon use and dripping of the composition is inhibited.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.591/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PREPARING DIALKYLOXYDIANHYROHEXITOL BY ETHERIFICATION OF DIANHYDROHEXITOL USING A LIGHT ALCOHOL IN THE PRESENCE OF AN ACIDIC CATALYST

(51) International classification :C07D493/04
(31) Priority Document No :12 57621
(32) Priority Date :06/08/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051881
Filing Date :05/08/2013
(87) International Publication No :WO 2014/023902
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROQUETTE FRERES
Address of Applicant :1 rue de la Haute Loge F 62136 Lestrem France
2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS
3)UNIVERSITE CLAUDE BERNARD LYON 1
(72)**Name of Inventor :**
1)IBERT Mathias
2)ESSAYEM Nadine
3)FECHE Cyril
4)PERRARD Alain

(57) Abstract :
The present invention relates to a method for preparing a dialkyloxydianhyrohexitol (dimethylisosorbide) composition by etherification of dianhydrohexitol (isosorbide). The aim of the invention is to achieve a clean method that avoids the use of a methylation agent such as dimethyl sulfate or methyl chloride which generate stoechiometric quantities of salts or expensive dialkyl carbonates wherein only one of the two methyl groups participates in the preparation of mixed isosorbide ethers. Said method involves using at least one O alkylation agent and a catalyst including an acid or an acid salt preferably a catalyst having Lewis or Br˜nsted acid properties. The present invention further relates to a device for carrying out the method according to at least one of the previous claims characterized in that said device includes a vaporization oven and a reaction oven.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/04/2014

(21) Application No.3498/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RADIAL SPRING FOR A DISC BRAKE PAD AND BRAKE PADS AND BRAKES PROVIDED WITH SUCH RADIAL SPRINGS

(51) International classification :F16D55/226,F16D65/097
(31) Priority Document No :1103874
(32) Priority Date :15/12/2011
(33) Name of priority country :France
(86) International Application No :PCT/EP2012/075581
Filing Date :14/12/2012
(87) International Publication No :WO 2013/087856
(61) 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)BERNARD Simon
2)MERRIEN Sandra
3)MAHOUDEAUX Roger

(57) Abstract :
The invention relates to a radial spring (5) for the lug of a brake pad. The spring comprises a clamp (51) and a supporting loop (52). The clamp is formed by a straight arm (511) a wavy base (512) and a Z shaped arm (513) followed by the loop to which it is connected by a bend (513) followed by another bend (522) which has a larger radius of curvature and is connected to the pad (523) which terminates in a turn (524) that is almost at a right angle to the end of the pad (523).

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/01/2015

(21) Application No.446/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TETRAMETHYLSTANNOXY COMPOUNDS

(51) International classification :C08K5/57,C07F7/22,B01J23/14
(31) Priority Document No :12181689.6
(32) Priority Date :24/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067377
Filing Date :21/08/2013
(87) International Publication No :WO 2014/029801
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES LLC
Address of Applicant :2040 Dow Center Midland MI 48674 U.S.A.
2)DOW EUROPE GMBH
3)ROHM AND HAAS COMPANY
(72)**Name of Inventor :**
1)ETZELSTORFER Manfred
2)MANEGOLD Cord
3)KOHL Matthias
4)GE Renjie
5)PR–BSTER Manfred

(57) Abstract :
A compound having formula (I) where R is C9-C11 alkyl, C9-C11 alkenyl, Cn alkyl or Cn alkenyl.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.460/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM FOR PROVIDING LOCATION RELEVANT INFORMATION

(51) International classification :H04L5/00,G08B1/08
(31) Priority Document No :1211013.6
(32) Priority Date :21/06/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2013/055101
Filing Date :21/06/2013
(87) International Publication No :WO 2013/190511
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALSHIHI Harib Darwish
Address of Applicant :Po Box 24999 Villa 5 323/46 St Al Jafliya Dubai U.A.E.
(72)**Name of Inventor :**
1)ALSHIHI Harib Darwish

(57) Abstract :
A system for providing location relevant information to users (1) of a plurality of mobile devices (2) within a multistorey building. A plurality of transmitters (4,13) are located in different locations across multiple floors (14), (15),(16) of the building. Each transmitter (4, 13) transmits a signal for identifying the location of its associated transmitter and signals transmitted at least by transmitters located on the same floor share at least one common transmission parameter. The mobile devices (2) each run software that identifies signals received substantially concurrently from the transmitters (4,13) determining the closest transmitter (4,13) and then displays on the mobile device (2) location relevant information associated with that location.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.518/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED HIGH PROTECTION WATER RESISTANT SUNSCREEN COMPOSITION

(51) International classification :A61K8/34,A61Q17/04,A61K8/81
(31) Priority Document No :PA 2012 00477
(32) Priority Date :26/07/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2013/050251
Filing Date :25/07/2013
(87) International Publication No :WO 2014/015880
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RIEMANN TRADING APS
Address of Applicant :Krakasvej 8 DK 3400 Hiller¸d Denmark
(72)**Name of Inventor :**
1)BRITZE Lene

(57) Abstract :
Thus one aspect of the invention relates to a sunscreen composition comprising at least one sunscreen agent at least one film forming polymer and at least one solvent wherein said film forming polymer is present in an amount of less than 2.0 %(w/w). Another aspect of the present invention relates to a process for the manufacture of a sunscreen composition comprising the steps of i) providing at least one solvent at least one film forming polymer in an amount of less than 2.0 %(w/w) and at least one sunscreen agent ii) admixing the components of step i) to provide a sunscreen composition. The sunscreen compositions have a reduced amount of film former component present and they exhibit high water resistance.

No. of Pages : 31 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2014

(21) Application No.5935/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : UNDERPANTS TYPE DISPOSABLE DIAPER

(51) International classification :A61F13/15,A61F13/496
(31) Priority Document No :2012009723
(32) Priority Date :20/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/050731
Filing Date :17/01/2013
(87) International Publication No :WO 2013/108808
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DAIO PAPER CORPORATION
Address of Applicant :2 60 Mishimakamiyacho Shikokuchuo shi Ehime 7990492 Japan
(72)**Name of Inventor :**
1)MIZOBUCHI Keita
2)OKADA Nobuyuki
3)OCHI Ryoichi
4)KAMIOKA Terumasa

(57) Abstract :
The problem is solved by means of an underpants type disposable diaper characterized by: a side sealing section (13) at which a dot pattern is formed such that a plurality of rows of dot shaped welded sections (13s, 13b) arrayed with spaces therebetween in the vertical direction are arrayed in the horizontal direction and having non welded sections (13n) extending across the entirety in the widthwise direction at both sides in the vertical direction of each welded section (13s, 13b); the side sealing section (13) having a region that is at least a portion in the vertical direction that is a sparse welded region (LD) and a region that is at least a portion in the vertical direction that is a dense welded region (HD); and the area of each welded section (13b) of the dense welded region (HD) being greater than the area of each welded section (13s) of the sparse welded region (LD).

No. of Pages : 61 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.505/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING PIG IRON AND BLAST FURNACE TO BE USED THEREFOR

(51) International classification :C21B5/00,C21B7/00
(31) Priority Document No :2012179239
(32) Priority Date :13/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/062157
Filing Date :25/04/2013
(87) International Publication No :WO 2014/027481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan
(72)**Name of Inventor :**
1)OMOTO Setsuo
2)NAKAGAWA Keiichi
3)HAMADA Tsutomu
4)SAKAGUCHI Masakazu

(57) Abstract :
Provided is a blast furnace capable of reducing the production costs of pig iron and suppressing the adhesion of blast furnace blowing coal ash and blockages caused by blast furnace blowing coal ash along the path of the blast furnace blowing coal to the interior of the blast furnace body. A blast furnace (100) is equipped with: a blast furnace body (110); material insertion means (111,113) for inserting a material (1) containing iron ore and coal into the interior of the blast furnace body from the top section thereof; hot air blowing means (114,115) for blowing hot air (101) into the interior of the blast furnace body through the tuyere thereof; and blast furnace blowing coal supply means (120, 129) for blowing blast furnace blowing coal (11) into the interior of the blast furnace body through the tuyere thereof. Therein the blast furnace blowing coal supply means blow a blast furnace blowing coal having the proportion of oxygen atoms contained therein (dry base) set to 10 20 wt% and the average pore diameter set to 10 50nm while the hot air blowing means measure the melting point of the ash in the material in advance and blow hot air which is 100 150°C lower than the melting point of the ash.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.533/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ALKALI METAL AND/OR ALKALI EARTH METAL EXTRACTION METHOD

(51) International classification :B01D11/02,B09B3/00,C01F11/02
(31) Priority Document No :2012151746
(32) Priority Date :05/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068376
Filing Date :04/07/2013
(87) International Publication No :WO 2014/007331
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan
(72)**Name of Inventor :**
1)WAKIMOTO Yoshiki

(57) Abstract :
This alkali metal and/or alkali earth metal extraction method is superior in terms of cost and allows repeated use of the aqueous solution that extracts alkali metal and/or alkali earth metal from a solid. This method is for extracting alkali metal and/or alkali earth metal from a solid containing an alkali metal and/or alkali earth metal and involves an elution step in which the solid is added to an amino acid containing aqueous solution and the alkali metal and/or alkali earth metal is eluted into the amino acid containing aqueous solution.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.564/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OIL SEPARATOR

(51) International classification :F01M13/04
(31) Priority Document No :2012150721
(32) Priority Date :04/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/067838
Filing Date :28/06/2013
(87) International Publication No :WO 2014/007164
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan
2)TOYOTA JIDOSHA KABUSHIKI KAISHA
(72)**Name of Inventor :**
1)NISHIGAKI Atsushi
2)KIRA Naoki
3)IKEDA Jun
4)SATSUMABAYASHI Shin

(57) Abstract :
Provided is an oil separator wherein each of multiple oil separation units uniformly traps the oil mist in blow by gas regardless of differences in the particle diameter thereby efficiently separating the oil mist and enabling efficient operation of the entire oil separator. This oil separator is equipped with: a distribution chamber that distributes blow by gas; an inflow hole through which blow by gas is introduced into the distribution chamber; at least one oil separation unit which is arranged symmetrical with respect to at least one plane that includes an axis passing through the axial center of the inflow hole of the axes of the directions of circulation of the blow by gas flowing into the distribution chamber through the inflow hole; and branch passages that individually circulate the blow by gas from the distribution chamber to each oil separation unit.

No. of Pages : 23 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5943/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING SECONDARY AMINES IN THE LIQUID PHASE

(51) International classification	:C07C209/16,C07C209/86,C07C211/08
(31) Priority Document No	:12150717.2
(32) Priority Date	:11/01/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/050077 :04/01/2013
(87) International Publication No	:WO 2013/104560
(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)BASF SE
Address of Applicant :67056 Ludwigshafen Germany
(72)**Name of Inventor :**
1)WIGBERS Christof Wilhelm
2)MELDER Johann Peter
3)STEIN Bernd

(57) Abstract :
The present application relates to a method for producing secondary amines by amination of excess primary or secondary alcohols with primary amines in the liquid phase in the presence of copper containing catalysts.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5944/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SKIN TONE COLORED CONDOMS

(51) International classification :A61F6/04
(31) Priority Document No :13/528111
(32) Priority Date :20/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/046651
Filing Date :19/06/2013
(87) International Publication No :WO 2013/192349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CARR Alesa J.
Address of Applicant :31550 Northwestern Highway Suite 165 Farmington Hills MI 48334 U.S.A.
(72)**Name of Inventor :**
1)CARR Alesa J.

(57) Abstract :
The invention provides a condom made of latex with a skin tone appearance wherein said skin tone is selected from within a spectrum of skin tones. The invention also provides a condom array including plural skin tone condoms said array suitable to allow a user to select a condom having a particular skin tone said array comprising a plurality of condoms each made of latex and each having a skin tone at least one of said condoms having a different skin tone from another of the condoms.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5945/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : UPLINK TIMING ALIGNMENT

(51) International classification :H04W56/00
(31) Priority Document No :61/596387
(32) Priority Date :08/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2012/050553
Filing Date :23/05/2012
(87) International Publication No :WO 2013/119157
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)BERGSTR–M Mattias
2)WITTBERG Mikael
3)LARSSON Daniel

(57) Abstract :
Some of the example embodiments presented herein are directed towards a user equipment (501) and corresponding method therein for uplink timing alignment. The user equipment (501) may initiate a timing advance value to zero during a creation of a timing advance group a modification of a timing advance group or if a TAC MAC CE command has not been performed. The user equipment (501) may further update the timing advance value based on a received TAC MAC CE command. Some of the example embodiments presented herein are directed towards a base station and corresponding method therein for uplink timing alignment. The base station (401) may be configured to estimate a proximity of the user equipment (501) to an uplink receive or an uplink cell size of the user equipment. The base station may determine a TAC MAC CE based on the estimation and send the TAC MAC CE to the user equipment (501) for uplink timing alignment.

No. of Pages : 44 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5946/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS FOR SMOOTHING WRINKLES AND SKIN TEXTURE IMPERFECTIONS

(51) International classification :A61K8/25,A61K8/26,A61Q19/08
(31) Priority Document No :61/588310
(32) Priority Date :19/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/022094
Filing Date :18/01/2013
(87) International Publication No :WO 2013/109850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)BREYFOGLE Laurie Ellen

(57) Abstract :
A skin smoothing composition that has from about 0.5 to about 4% sodium silicate as measured by silica content (SiO) and from about 0.1% to about 4.0% of a polyvalent silicate. The composition is provided in a carrier for example from about 10 to 98% water and can be in the form of a water gel or oil in water emulsion. Further the weight ratio of sodium silicate to the polyvalent silicate is equal to or greater than 0.7. and the polyvalent silicate is a silicate clay selected from the group consisting of bentonite laponite smectite and kaolinite. Kits containing these compositions and methods of using these compositions are also provided.

No. of Pages : 36 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5947/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS FOR SMOOTHING WRINKLES AND SKIN TEXTURE IMPERFECTIONS

(51) International classification :A61K8/25,A61K8/26,A61Q19/08
(31) Priority Document No :61/588310
(32) Priority Date :19/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/022097
Filing Date :18/01/2013
(87) International Publication No :WO 2013/109851
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)BREYFOGLE Laurie Ellen

(57) Abstract :
A method for smoothing skin comprising applying a composition that has from about 0.5 to about 4% sodium silicate as measured by silica content (SiO) and from about 0.1% to about 4.0% of a polyvalent silicate. The composition is provided in a carrier for example from about 10 to 98% water and can be in the form of a water gel or oil in water emulsion. A second composition is applied before or after the first composition wherein the second composition is selected from the group consisting of an oil in water emulsion water in oil emulsion thickened water gel thickened oil phase encapsulated oil phase solid oil phase and mixtures thereof. The polyvalent silicate can be a silicate clay selected from the group consisting of bentonite laponite smectite and kaolinite.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5948/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR THE SYNTHESIS OF UREA COMPRISING A PASSIVATION STREAM AT THE STRIPPER BOTTOM

(51) International classification :C07C273/04
(31) Priority Document No :MI2012A000013
(32) Priority Date :09/01/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2013/050247
Filing Date :09/01/2013
(87) International Publication No :WO 2013/104638
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAIPEM S.P.A
Address of Applicant :Via Martiri di Cefalonia 67 I 20097 San Donato Milanese (Milano) Italy
(72)**Name of Inventor :**
1)CARLESSI Lino
2)GIANAZZA Alessandro

(57) Abstract :
A process for the direct synthesis of urea from ammonia and carbon dioxide with increased corrosion resistance comprising in the high pressure synthesis section a reaction step in a vertical reactor (R) fed with at least one stream of fresh carbon dioxide containing a passivating agent and a decomposition stripping step of the non converted reagents wherein the gas liquid mixture collected at the head of the reactor is separated into a gaseous stream and a liquid stream fed to the tail and head of the stripper respectively.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.521/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COLD ROLLED STEEL SHEET METHOD FOR PRODUCING SAME AND HOT STAMP MOLDED ARTICLE

(51) International classification :C22C38/00,C21D9/46,C22C38/06
(31) Priority Document No :2012174215
(32) Priority Date :06/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/071126
Filing Date :05/08/2013
(87) International Publication No :WO 2014/024831
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)NONAKA Toshiki
2)KATO Satoshi
3)KAWASAKI Kaoru
4)TOMOKIYO Toshimasa

(57) Abstract :
A cold rolled steel sheet according to the present invention contains specific chemical components wherein the metallic structure of the steel sheet comprises ferrite at an area ratio ranging from 30 to 90% martensite at an area ratio of 0% or more and less than 20% perlite at an area ratio ranging from 0 to 10% retained austenite at a volume ratio ranging from 5 to 20% and a remainder structure made up by bainite both before and after hot stamping and wherein the hardness of the retained austenite as measured on a nanoindenter fulfills the relationship represented by the formulae H2/H1 < 1.1 and sHM < 20 and the relationship represented by the formula TS — El = 20000 MPa·% is fulfilled both before and after hot stamping.

No. of Pages : 50 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.535/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING CEMENT CLINKER FROM RAW CEMENT MIXTURE

(51) International classification :C04B7/43
(31) Priority Document No :10 2012 105 977.2
(32) Priority Date :04/07/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/063931
Filing Date :02/07/2013
(87) International Publication No :WO 2014/006042
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
Address of Applicant :ThyssenKrupp Allee 1 45143 Essen Germany
(72)**Name of Inventor :**
1)FRIE Sebastian
2)OBERHAUSER Sebastian

(57) Abstract :
The invention relates to a method and a system for producing cement clinker from raw cement mixture wherein one part of the raw cement mixture is preheated in a calciner preheater and the other part of the raw cement mixture is preheated in an oven preheater the preheated raw cement mixture is pre calcined in a calciner which is operated according to the oxyfuel method the pre calcined raw cement mixture is fired in an oven the fired raw cement mixture is cooled in a cooler the calciner preheater is operated using exhaust gases of the calciner the oven preheater is operated using exhaust gases of the oven an entrained flow reactor is used as the calciner a part of the calciner exhaust gas being recirculated to the calciner after being used in the calciner preheater and the oven exhaust gas undergoes a post combustion CO separation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5954/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED POWDEROUS FORMULATIONS OF ORGANIC ACIDS OR ESTERS HAVING AN AROMATIC RING SYSTEM

(51) International classification	:A23P1/06,A23L1/302,A23L3/3508
(31) Priority Document No	:12154195.7
(32) Priority Date	:07/02/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/052281 :06/02/2013
(87) International Publication No	:WO 2013/117565
(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)DSM IP ASSETS B.V.
Address of Applicant :Patent Department Het Overloon 1 NL 6411 The Heerlen Netherlands
(72)**Name of Inventor :**
1)GADIENT Martin
2)LINDEMANN Thomas
3)VOELKER Karl Manfred
4)URBAN Kai
5)KIRCHEN Stefanie
6)KELLER Andreas

(57) Abstract :
The present invention relates to improved powderous formulations of organic acids or esters having an aromatic ring system as well as to the production of such formulations.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5955/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : REINFORCED FOOTWEAR

(51) International classification :A43B7/32,A43B23/08
(31) Priority Document No :PI 2011700201
(32) Priority Date :21/12/2011
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2012/000297
Filing Date :18/12/2012
(87) International Publication No :WO 2013/095086
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CHEE Ah Mee
Address of Applicant :No.242 Jalan Bandar 13 Taman Melawati 53100 Kuala Lumpur Malaysia
(72)**Name of Inventor :**
1)CHEE Ah Mee

(57) Abstract :
The present invention discloses reinforced footwear (10) comprises a first protecting member (1) externally mounted on outer surface of the upper (21) of the footwear (10) at toe region thereof a second protecting member (3) internally mounted on inner surface of the upper of the footwear (10) at toe region thereof and at least one fastening means (5) for securing the first and second protecting members (1, 3) to the footwear (10). In one embodiment of the present invention the first and second protecting members (1, 3) each have an inwardly turned flange (7, 9) extending from the bottom edges of the protecting members (1, 3). The first and second protecting members (1, 3) each have a shape of a shell.

No. of Pages : 25 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5956/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOULD SHELL SECTION FOR A MOULD SHELL FOR A WIND TURBINE BLADE MOULD SHELL AND METHOD USING THE MOULD SHELL SECTIONS

(51) International classification :B29C33/30,B29C70/34,B29L31/08
(31) Priority Document No :PA 2011 70771
(32) Priority Date :30/12/2011
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2012/050488
Filing Date :20/12/2012
(87) International Publication No :WO 2013/097859
(61) 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)DAVIS Olav
2)DHAMODHARAN Mohana Krishna
3)RAJASINGAM Damien
4)THOMAS Glenn

(57) Abstract :
A mould shell for forming a wind turbine blade (20) comprises at least two mould shell sections (401, 402) each having a mould surface with a recessed portion (419, 420) adjoining the connecting edges (407, 408) between the mould shell sections. A bridging sheet (421) is accommodated in the recessed portions (419, 420) of the mould shell sections (401, 402). The bridging sheet (421) fills up the recessed portions.

No. of Pages : 36 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.562/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SHEET PILE

(51) International classification :E02D5/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/IB2012/001308
Filing Date :03/07/2012
(87) International Publication No :WO 2014/006434
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ARCELORMITTAL INVESTIGACIN Y DESARROLLO S.L.
Address of Applicant :CL/ Chavarri 6 ES 48910 SESTAO (Bizkaia) Spain
(72)**Name of Inventor :**
1)DA SILVA ARŠDE Luis
2)FAGOT Anne
3)MAUER Thierry
4)REICHERT Pol

(57) Abstract :
A method and a tool (10) for forming a seal in a lock chamber (3) of a sheet pile are proposed. The method comprises the steps of: introducing a seal forming tool (10) into the lock chamber (3); injecting a sealing material into a distribution chamber (50) of the tool (10) from where it axially fills longitudinally extending recesses (38 , 38 38) in a seal shaping module (12); and moving the tool (10) longitudinally through the lock chamber (3) whereby the sealing material is shaped by the seal shaping module (12). The distribution chamber (50) is a closed chamber inside the tool (10) and. spaced from the longitudinally extending recesses (38 , 38 38); and the tool (10) comprises moreover at least two distribution channels (52 , 52 52) connecting in parallel the distribution chamber (50) to the recesses (38 , 38 38) the parallel distribution channels (52 , 52 52) being fine tuned for apportioning the flow of sealing material between the recesses (38 , 38 38).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.578/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DEVICE FOR DESTRUCTIVE DISTILLATION OF COAL

(51) International classification :C10B47/30
(31) Priority Document No :2012273340
(32) Priority Date :14/12/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/077281
Filing Date :08/10/2013
(87) International Publication No :WO 2014/091816
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan
(72)**Name of Inventor :**
1)ATARASHIYA Kenji
2)SATO Keiichi
3)NAMBA Shinji
4)HAMADA Tsutomu

(57) Abstract :
Provided is a device for the destructive distillation of coal said device suppressing increases in the concentration of mercury within destructively distilled coal generated by the device. The device for the destructive distillation of coal is a rotary kiln in which an inner cylinder (102) is rotatably supported inside an outer cylinder (103) thermal gas (11) is supplied to the interior of the outer cylinder and dried coal (1) is supplied to the interior of the inner cylinder from one end side thereof the dried coal is subjected to thermal destructive distillation whilst being moved and agitated from the one end side of the inner cylinder to the other end side thereof due to the inner cylinder being rotated and destructively distilled coal (2) and destructively distilled gas (12) are delivered from the other end side of the inner cylinder. The device includes: a chute (104) that is provided continuously from the other end side of the inner cylinder and discharges the destructively distilled coal; an exhaust line (106) that is provided continuously from the chute and discharges the destructively distilled gas; and a gas flow adjustment device (110) that is provided to the chute and adjusts the flow of the destructively distilled gas discharged towards the exhaust line (106).

No. of Pages : 53 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5950/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BONE FIXATION DEVICE

(51) International classification :A61B17/60,A61B17/64
(31) Priority Document No :1122013.4
(32) Priority Date :20/12/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2012/076486
Filing Date :20/12/2012
(87) International Publication No :WO 2013/092913
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EVOLVE ORTHOPEDICS SA
Address of Applicant :Grand rue 3 CH 1820 Montreux Switzerland
(72)**Name of Inventor :**
1)DALL Vagn Erik
2)BEYER Morten

(57) Abstract :
A bone fixation device comprises a plurality of brackets (6, 8, 42-48), each defining a surface formed with at least one recess (56, 58). Part of a ball (12-18, 52, 54) is mounted in each recess with an exposed face formed with a groove (24, 26, 52, 54) for receiving a fixation rod or bone screw. The brackets are capable of being brought together such that at least one pair of exposed ball faces are in juxtaposition with the grooves defining a sleeve for a fixation rod or bone screw, and means (10, 50) are included for urging the brackets and the exposed ball faces to wards each other to clamp a fixation rod or bone screw between a pair of juxtaposed ball faces. Normally, the recesses and ball parts are arranged such that as the brackets are brought together at least two pairs of ball parts are in juxtaposition, forming two sleeves for fixation rods or bone screws.

No. of Pages : 13 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.516/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTUUNCTION ORGANIC PHOTOVOLTAICS INCORPORATING SOLUTION AND VACUUM DEPOSITED ACTIVE LAYERS

(51) International classification :H01L51/48,H01L51/42
(31) Priority Document No :61/673604
(32) Priority Date :19/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051354
Filing Date :19/07/2013
(87) International Publication No :WO 2014/015288
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FORREST Stephen R.
Address of Applicant :336 Rock Creek Court Ann Arbor MI 48104 U.S.A.
2)LASSITER Brian
(72)**Name of Inventor :**
1)FORREST Stephen R.
2)LASSITER Brian

(57) Abstract :
There is disclosed an organic photovoltaic device comprising at least one first subcell comprising at least one first small molecular weight material deposited by solution processing and at least one second subcell comprising a weight at least one second small molecular material deposited by vacuum evaporation. Also disclosed herein is a method for preparing an organic photovoltaic device comprising at least one first subcell comprising at least one first small molecular weight material and at least one second subcell comprising at least one second small molecular weight material the method comprising depositing at least one first small weight material by solution processing; and depositing at least one second small weight material by vacuum evaporation.

No. of Pages : 31 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.532/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ALKALI METAL AND/OR ALKALI EARTH METAL EXTRACTION METHOD

(51) International classification :B01D11/02,B09B3/00,C01F11/18
(31) Priority Document No :2012151744
(32) Priority Date :05/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068377
Filing Date :04/07/2013
(87) International Publication No :WO 2014/007332
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan
2)THE UNIVERSITY OF TOKYO
(72)**Name of Inventor :**
1)WAKIMOTO Yoshiki
2)FUJII Satoshi
3)RYONAGA Yukinori
4)AMANO Kiichiro
5)KOJIMA Toshiya
6)YAMAGUCHI Shu
7)MIYOSHI Shogo

(57) Abstract :
This alkali metal and/or alkali earth metal extraction method has excellent extraction efficiency and allows repeated use of the aqueous solution that extracts alkali metal and/or alkali earth metal from a solid. This method is for extracting alkali metal and/or alkali earth metal from a solid containing an alkali metal and/or alkali earth metal and involves an elution step in which the solid is added to an amino acid containing mixed aqueous solution which is generated by mixing a pH adjuster in an aqueous solution having at least one of a neutral amino acid containing aqueous solution or neutral amino acids acidic amino acids and basic amino acids and the alkali metal and/or alkali earth metal is eluted into the neutral amino acid containing aqueous solution or the amino acid containing mixed aqueous solution.

No. of Pages : 31 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.594/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CEMENT COMPOSITIONS AND METHODS OF USING THE SAME

(51) International classification :C04B28/02,C04B28/22,C09K8/42
(31) Priority Document No :13/606632
(32) Priority Date :07/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/056577
Filing Date :26/08/2013
(87) International Publication No :WO 2014/039301
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HALLIBURTON ENERGY SERVICES INC.
Address of Applicant :10200 Bellaire Boulevard Houston TX 77072 U.S.A.
(72)**Name of Inventor :**
1)MUTHUSAMY Ramesh
2)GOSAVI Tushar Sureshgiri
3)PATIL Rahul Chandrakant
4)SANTRA Ashok K.
5)PATIL Sandip Prabhakar
6)PINDIPROLU Kameswara Sri Sairam

(57) Abstract :
The present invention relates to cement compositions and their use in cementing operations. The cements comprise an aluminosilicate; a sodium aluminate a calcium aluminate a potassium aluminate or a combination thereof; and water. In some cases the cement does not include Portland cement. The cement may be used in a subterranean formation having corrosive components therein wherein the set cement sheath is resistant to degradation from the corrosive components within the subterranean formation.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5941/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SOLID FUEL IN THE FORM OF A POWDER INCLUDING A LIGNOCELLULOSIC COMPONENT

(51) International classification :C10L5/44
(31) Priority Document No :12 50511
(32) Priority Date :18/01/2012
(33) Name of priority country :France
(86) International Application No :PCT/IB2013/050364
Filing Date :15/01/2013
(87) International Publication No :WO 2013/108177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CENTRE DE COOPERATION INTERNATIONALE EN RECHERCHE AGRONOMIQUE POUR LE DEVELOPPEMENT (CIRAD)
Address of Applicant :42 rue Scheffer F 75016 Paris France
2)INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE
(72)**Name of Inventor :**
1)PIRIOU Bruno
2)VAITILINGOM Gilles
3)ROUAU Xavier

(57) Abstract :
The present invention relates to a solid fuel in the form of a powder including at least one lignocellulosic component in the form of a powder. The present invention also relates to the method for preparing said lignocellulosic component in the form of a powder as well as to the use thereof in the production of a solid fuel intended for an internal combustion engine or a burner. The invention further relates to a method for generating energy using the solid fuel according to the invention.

No. of Pages : 38 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5942/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LOW NOISE AMPLIFIER

(51) International classification :H03F1/26,H03F3/195
(31) Priority Document No :12153472.1
(32) Priority Date :01/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/051492
Filing Date :25/01/2013
(87) International Publication No :WO 2013/113636
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)MATTISSON Sven
2)ANDERSSON Stefan

(57) Abstract :
A common source or common emitter LNA circuit (30) for amplifying signals at an operating frequency in a receiver circuit (10) is disclosed. The LNA circuit (30) comprises an input transistor (50) arranged to in operation be biased to have a transconductance at the operating frequency and having a first terminal (52) which is a gate or base terminal operatively connected to an input terminal (32) of the LNA circuit (30). The LNA circuit (30) further comprises a shunt feedback capacitor (60) operatively connected between the first terminal (52) of the input transistor (50) and a second terminal (54) which is a drain or collector terminal of the input transistor (50). Furthermore the LNA circuit (30) comprises an output capacitor (65) operatively connected between the second terminal (54) of the input transistor (50) and an output terminal (34) of the LNA circuit. The output capacitor (65) has a capacitance value .

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.517/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BALLOON CATHETER HAVING MULTIPLE INFLATION LUMENS AND RELATED METHODS

(51) International classification :A61F2/95,A61M25/10
(31) Priority Document No :61/708445
(32) Priority Date :01/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/062861
Filing Date :01/10/2013
(87) International Publication No :WO 2014/055514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)C.R. BARD INC.
Address of Applicant :c/o Bard Peripheral Vascular Inc. 1625 West 3rd Street Tempe AZ 85281 U.S.A.
(72)**Name of Inventor :**
1)CHANDUSZKO Andrzej J.
2)LUBEK Simon A.

(57) Abstract :
An apparatus is for performing a medical procedure using an inflation fluid. The apparatus includes a shaft with two inflation lumens for transmitting the inflation fluid. A balloon supported by the shaft has an interior capable of being inflated by the inflation fluid transmitted through the inflation lumens of the shaft. The tubes defining the inflation lumens provide two outlets for transmitting different flows of the inflation fluid to the interior of the balloon. A stent and related methods are also disclosed.

No. of Pages : 29 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.563/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMAGE PROCESSING METHOD AND APPARATUS

(51) International classification	:H04N5/232,H04N5/262,G06T3/00
(31) Priority Document No	:1020120085169
(32) Priority Date	:03/08/2012
(33) Name of priority country	:Republic of Korea
(86) International Application No Filing Date	:PCT/KR2013/007027 :05/08/2013
(87) International Publication No	:WO 2014/021692
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)YOON Youngkwon
2)CHO Wonhyung

(57) Abstract :
An image processing method and apparatus that minimizes a delay time until the image is detected and captured when shooting photographs where various shooting options (effects) are set. The image processing method includes displaying a preview in a shooting mode; receiving a shooting option based shooting command while displaying the preview; and processing image compensation applying a shooting option to an image having full resolution as a background and substantially parallel operations entering a preview mode to display a preview a display image.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.579/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BODY OF MOLECULAR SIZED FUEL ADDITIVE

(51) International classification :C10L1/02,C10L1/12,C10L1/30
(31) Priority Document No :61/741686
(32) Priority Date :26/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2013/065898
Filing Date :31/05/2013
(87) International Publication No :WO 2014/017185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PARSONS Bruce Briant
Address of Applicant :Eclare A202 452 1 Higashikoiso Oiso machi Naka gun Kanagawa 2550004 Japan
2)MAY Walter R.
(72)**Name of Inventor :**
1)PARSONS Bruce Briant
2)MAY Walter R.

(57) Abstract :
This invention generally refers to a new generation of fuel additives which can provide catalytic action to improve the combustion process of fossil fuels and to a catalyst among others containing an iron compound combined with an over based magnesium compound with molecular size particles inside the combustion chamber. Such fuel additive catalysts are particularly useful for fuel oil combustion natural gas combustion stationary gas turbines natural gas fired reciprocating engines diesel engines gasoline engines and all stationary dual fuel engines.

No. of Pages : 55 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.596/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHOSPHOR BASED LAMPS FOR PROJECTION DISPLAY

(51) International classification :F21V7/04
(31) Priority Document No :61/673357
(32) Priority Date :19/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/046492
Filing Date :19/06/2013
(87) International Publication No :WO 2014/014605
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WAVIEN INC.
Address of Applicant :29023 The Old Road Valencia CA 91355 U.S.A.
(72)**Name of Inventor :**
1)LI Kenneth
2)INATSUGU Seiji

(57) Abstract :
A phosphor based lamp includes a phosphor material and an excitation source which may be a laser or an LED or both. Preferably the lamp includes a recycling collar to reflect and recycle high angle light to increase brightness. Preferably when the excitation source is a laser a beam splitter redirects the laser beam to direct the laser beam through the recycling collar aperture onto the phosphor material. Light emitted by the phosphor material which exits the aperture passes through the beam splitter as the output of the lamp. Alternatively lenses are used to redirect the laser beam around the recycling collar towards the phosphor material. Preferably a plurality of excitation lasers are disposed around the recycling collar and aimed either to direct their outputs onto the phosphor material or toward an opposing wall where the outputs are reflected onto the phosphor material.

No. of Pages : 37 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5960/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PIVOTABLE TUNDISH AND A METHOD FOR CONTINUOUS CASTING A METAL ALLOY USE OF A PIVOTABLE TUNDISH AND AN ELONGATED CAST BAR OF A METAL ALLOY

(51) International classification	:B22D11/103,B22D11/14,B22D41/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/EP2012/052336 :10/02/2012
(87) International Publication No	:WO 2013/117240
(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)LUVATA ESPOO OY
Address of Applicant :P.O. Box 78 FI 021 01 Espoo Finland
(72)**Name of Inventor :**
1)HERNESNIEMI Sarita

(57) Abstract :
A pivotable tundish (1) for continuous casting a metal alloy. The tundish comprises a body (3) comprising a first chamber (5) a second chamber (7) a first passage (12) between the first chamber and the second chamber and a second passage (16) between the second chamber and a mold (9). The first chamber is adapted to receive and hold a base metal constituting the base for forming the metal alloy by addition of alloying elements. The metal alloy is fed from the second chamber to the mold through the second passage. The second chamber further comprises a first portion (30) and a second portion (32) and a third passage (36) between the first portion and the second portion. In the casting state the metal alloy is formed while casting by adding the alloying elements to the second portion of the second chamber.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.519/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SUNSCREEN COMPOSITION COMPRISING A THICKENING SYSTEM HAVING IMPROVED WATER RESISTANCE

(51) International classification :A61K8/31,A61K8/34,A61K8/73
(31) Priority Document No :PA 2012 00478
(32) Priority Date :26/07/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2013/050250
Filing Date :25/07/2013
(87) International Publication No:WO 2014/015879
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RIEMANN TRADING APS
Address of Applicant :Krakasvej 8 DK 3400 Hiller¸d Denmark
(72)**Name of Inventor :**
1)BRITZE Lene

(57) Abstract :
One aspect of the invention relates to a sunscreen composition comprising at least one sunscreen agent at least one film forming polymer at least one solvent and at least one thickening agent wherein said thickening agent is present in an amount in the range of 0.01 0.2%(w/w). Another aspect of the present invention relates to the use of a thickening agent for increasing the sun protection factor of a sunscreen composition comprising at least one sunscreen agent at least one film forming polymer and at least one solvent. Yet another aspect of the present invention relates to a process for the manufacture of a sunscreen composition comprising the steps of i) providing at least one solvent at least one thickening agent at least one film forming polymer and at least one sunscreen agent ii) admixing the components of step i) to provide a sunscreen composition. The sunscreen compositions of the invention have an improved water resistance.

No. of Pages : 39 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.580/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPENSATING CHUCK

(51) International classification :B23B31/16,B23B31/177
(31) Priority Document No :10 2013 201 231.4
(32) Priority Date :25/01/2013
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/073875
Filing Date :14/11/2013
(87) International Publication No :WO 2014/114380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HENKE Volker
Address of Applicant :Am Triften 54 28876 Oyten Germany
(72)**Name of Inventor :**
1)MEYER Jens

(57) Abstract :
The invention relates to a compensating chuck (1, 101) for centrically clamping workpieces. According to the invention, the chuck comprises a drive unit (11) having two pairs of drivers (37a,d; 37b,c; 137a,d; 137b,c), wherein the drivers (3, 103) are supported, preferably in a sliding manner, can be moved in pairs (37a,d; 37b,c; 137a,d; 137b,c), and are each coupled to one of the base jaws (9, 109) in such a way that a relative motion of a pair causes a synchronous motion of adjacent base jaws (9a,d; 9b,c; 109a,d; 109b,c), and that both a relative motion with respect to one another with unequal motion components and a synchronous motion of the adjacent drivers (37a,d; 37b,c; 137a,d; 137b,c) in the same direction cause a relative motion of adjacent basejaws (9a,d; 9b,c; 109a,d; 109b,c).

No. of Pages : 67 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5964/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELEVATOR PASSENGER INTERFACE INCLUDING IMAGES FOR REQUESTING ADDITIONAL SPACE ALLOCATION

(51) International classification :B66B3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2012/022313
Filing Date :24/01/2012
(87) International Publication No :WO 2013/112134
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OTIS ELEVATOR COMPANY
Address of Applicant :10 Farm Springs Farmington Connecticut 06032 U.S.A.
(72)**Name of Inventor :**
1)STANLEY Jannah A.
2)FLYNN Michael P.
3)JOYCE Matthew
4)JAYACHANDRAN Vijay
5)FARUKI Tarique

(57) Abstract :
An exemplary elevator destination entry system includes a passenger interface device that presents a visual representation of at least one item that will accompany a passenger on an elevator car. The passenger interface allows the passenger to select the visual representation. A controller is configured to receive indications of passenger requests for elevator service and an indication from the passenger interface device regarding a selected visual representation. The controller determines an amount of space within an elevator car required to accommodate the item based on predetermined space information corresponding to the selected visual representation. The controller assigns a car to a passenger request based on a determination that the assigned car will have adequate space to accommodate the passenger and the item.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5965/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METALLIC CONDUCTOR DISTURBANCE DETECTION DEVICE AND METHOD

(51) International classification	:G08B13/12,G08B13/14,G08B13/22
(31) Priority Document No	:1202202.6
(32) Priority Date	:08/02/2012
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/GB2013/050165 :25/01/2013
(87) International Publication No	:WO 2013/117905
(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)CRESATECH LIMITED
Address of Applicant :3 Chequers Hill Amersham Buckinghamshire HP7 9DQ U.K.
(72)**Name of Inventor :**
1)JARVIS Simon James
2)MUMFORD Paul
3)MERCHANT Roger

(57) Abstract :
A method of detecting disturbance in a metallic conductor (34) comprises the steps of providing an inductance sensing circuit (12) in mechanically and electrically connected to a metallic conductor (34) having a monitorable inductance tuning the inductance sensing circuit (12) based on an electromagnetic field impressed upon the metallic conductor (34) and an internally generated circuit oscillation and outputting an alert signal when a tuned output signal from the tuned inductance sensing circuit (12) becomes detuned due to a change in inductance of the metallic conductor (34) by addition to or removal of at least a portion of the metallic conductor (34). A metallic conductor disturbance detection device (10) for such a method is also provided the device (10) comprising an amplitude and/or frequency tuneable inductance sensing circuit (12) and an alarm circuit (16) for outputting an alarm signal based on an output of the inductance sensing circuit (12).

No. of Pages : 39 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.550/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A CURRENT MODE CONTROLLER FOR STEP DOWN (BUCK) CONVERTER

(51) International classification :H02M3/156
(31) Priority Document No :61/684225
(32) Priority Date :17/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/067138
Filing Date :16/08/2013
(87) International Publication No :WO 2014/027085
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ST ERICSSON SA
Address of Applicant :Chemin du Champ des Filles 39 CH 1228 Plan les ouates Switzerland
(72)**Name of Inventor :**
1)LABBE Beno®t

(57) Abstract :
A current mode regulator relies on indirect current measurement to facilitate slope compensation used to stabilize the operation of a buck converter. The current mode regulator comprises an inductor a switching network and a controller. The inductor delivers an output current to a load. The switching network selectively connects the inductor input to an input voltage or a second voltage. The regulator controls the switching network. An inner loop control circuit of the regulator comprises the switching network a current measuring circuit a slope circuit a comparator and a switching controller. The current measuring circuit comprises a passive network connected to the inductor input and operative to indicate an inductor current as a measurement voltage. The slope circuit applies a time varying voltage having a positive slope to the measurement voltage. The comparator compares a slope compensated measurement voltage to the control voltage. The switching regulator controls the switching network in response to the output of the comparator.

No. of Pages : 27 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.597/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AEROSPACE INTELLIGENT WINDOW SYSTEM

(51) International classification :B64C1/14
(31) Priority Document No :61/678315
(32) Priority Date :01/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052002
Filing Date :25/07/2013
(87) International Publication No :WO 2014/022188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PPG INDUSTRIES OHIO INC.
Address of Applicant :3800 West 143rd Street Cleveland Ohio 44111 U.S.A.
(72)**Name of Inventor :**
1)JIAO Yu
2)DUARTE Nicolas
3)STONE Monroe A.

(57) Abstract :
A network system for monitoring and storing data of aircraft intelligent windows or windshields to provide useable life of provide real life performance of and/or measure characteristics and/or properties of the windshields forwards the data from sensors mounting the windshield to a window sensing hub having a microprocessor programed to receive and process the data to determine the performance of the windshield and formatting the data in accordance to a preset program wherein the program includes providing data from the sensors that measures characteristics and properties of the windshield that are active during the period in which the data is taken. An aircraft central maintenance system connected to the window sensing hub receives the formatted information from the window sensing hub and unfiltered or unformatted information wherein the unfiltered information from the windshield is acted on by the central maintenance system to provide an estimated useable life of the windshield.

No. of Pages : 33 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5970/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NETWORK ELEMENT INTEGRATED CIRCUIT CELLULAR COMMUNICATION SYSTEM AND METHOD THEREFOR

(51) International classification :H04W60/02
(31) Priority Document No :1200757.1
(32) Priority Date :17/01/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/050865
Filing Date :17/01/2013
(87) International Publication No :WO 2013/110543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IP.ACCESS LIMITED
Address of Applicant :Building 2020 Cambourne Business Park Cambourne Cambridge Cambridgeshire CB23 6DW U.K.
(72)**Name of Inventor :**
1)BROMELL John Yearsley
2)JOHNSON Nicholas Dougall

(57) Abstract :
A network element comprises a signal processor supporting communications between a subscriber unit (UE) and a core network (CN). The signal processor is arranged to: receive a first update request message (location or routing area) from the subscriber unit; forward the first update request message to the core network; receive from the CN a first update accept (or response) message; store at least a part of the accept message content; forward the first update response message to the subscriber unit; receive a second update request from the subscriber unit; create a second update accept (or response) message using the at least part of the stored content; and respond to the subscriber unit second update accept (or response) message direct.

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5971/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NETWORK ELEMENT INTEGRATED CIRCUIT CELLULAR COMMUNICATION SYSTEM AND METHOD FOR CAPTURING USER EQUIPMENT MEASUREMENTS

(51) International classification	:H04W24/10,H04W36/00,H04W76/06
(31) Priority Document No	:1200754.8
(32) Priority Date	:17/01/2012
(33) Name of priority country	:U.K.
(86) International Application No Filing Date	:PCT/EP2013/050868 :17/01/2013
(87) International Publication No	:WO 2013/107831
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)IP.ACCESS LIMITED
Address of Applicant :Building 2020 Cambourne Business Park Cambourne Cambridge Cambridgeshire CB23 6DW U.K.
(72)**Name of Inventor :**
1)BROMELL John Yearsley
2)AWAD Akram Jamal Masoud
3)PIERCY Neil Philip
4)HARROW James Edward Brereton

(57) Abstract :
A communication system comprising a core network operably coupled to a small base station (HNB) arranged to support wireless communications to a user equipment UE is described. The HNB comprises a control processor being arranged in a first embodiment to: support setting up of an air interface connection with the UE to allow the UE and the core network to exchange messages e.g. for a Location Update procedure and to receive an instruction from the core network via a core network connection to release the connection to the core network; usually the HNB would transmit a RRC Connection Release message to the UE; however the UE utilizes this situation to request and receive UE measurements by using RRC Measurement Control/Report messages and thus delays the initiation of the RRC Connection Release procedure towards the UE; in a econd embodiment the control processor is arranged to autonomously page the UE: thus the UE establishes a RRC connection for responding to the paging message and the HNB may request receive UE measurements

No. of Pages : 30 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.565/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OIL SEPARATOR

(51) International classification :F01M13/04
(31) Priority Document No :2012150722
(32) Priority Date :04/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/067839
Filing Date :28/06/2013
(87) International Publication No :WO 2014/007165
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan
2)TOYOTA JIDOSHA KABUSHIKI KAISHA
(72)**Name of Inventor :**
1)KIRA Naoki
2)NISHIGAKI Atsushi
3)IKEDA Jun
4)SATSUMABAYASHI Shin

(57) Abstract :
The objective of the present invention is to form an oil separator with which the oil mist in blow by gas can be recovered efficiently regardless of differences in particle diameter. This oil separator is equipped with a supply space to which blow by gas from an internal combustion engine is supplied. In addition multiple cyclone type oil separation units each of which has a cylindrical cylinder case part to which blow by gas is supplied from the supply space are arranged along the direction in which the gas is supplied. The inner diameter of the cylinder case parts of the oil separation units is set such that the inner diameter of the cylinder case part on the upstream side in the gas supply direction is larger than that of the cylinder case part on the downstream side.

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.581/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CBN CUTTING TOOL MANUFACTURING METHOD AND CBN CUTTING TOOL

(51) International classification :B24B3/34,B23B27/14,B23B27/20
(31) Priority Document No :2013071821
(32) Priority Date :29/03/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/085028
Filing Date :27/12/2013
(87) International Publication No :WO 2014/155890
(61) 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 ELECTRIC HARDMETAL CORP.
Address of Applicant :1 1 Koyakita 1 chome Itami shi Hyogo 6640016 Japan
(72)**Name of Inventor :**
1)WATANOBE Naoki
2)OKAMURA Katsumi
3)YONEKURA Hiroki
4)KOROGI Yosuke

(57) Abstract :
Provided are: a cBN cutting tool manufacturing method which is capable of significantly improving the precision of the center height of a cBN cutting tool that has a sintered compact of cBN on the corner(s) of the base metal and which can also make the angle of inclination and width of the negative land(s) to be sufficiently small; and a cBN cutting tool. While holding the cBN cutting tool by clamping the base metal of the tool with the chuck of a grinder that is able to control position and orientation a flank and a rake face formed on the cBN sintered compact are ground by pressing the cBN sintered compact on the end face of the grindstone of the grinder. Said grinding is performed so that the object of the grinding is substantially the cBN sintered compact. Additionally in the grinding of the rake face the rake face of the cBN sintered compact is recessed from the upper surface of the base metal or only the cBN sintered compact protruding from the base metal rake face is ground. The method is configured so that said work is executed without releasing the clamping of the tool by the chuck.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5975/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ACTIVE COMPOUND COMBINATIONS

(51) International classification :A01N43/50,A01N43/78,A01P3/00
(31) Priority Document No :12153598.3
(32) Priority Date :02/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/051761
Filing Date :30/01/2013
(87) International Publication No :WO 2013/113742
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany
(72)**Name of Inventor :**
1)SCHIRRING Albert
2)WACHENDORFF NEUMANN Ulrike
3)TAFFOREAU Sylvain
4)LATORSE Marie Pascale

(57) Abstract :
The present invention relates to active compound combinations in particular within a fungicide composition which comprises (A) ethaboxam and (B) fenamidone. Moreover the invention relates to a method for curatively or preventively controlling the phytopathogenic fungi of plants or crops to the use of a combination according to the invention for the treatment of seed to a method for protecting a seed and not at least to the treated seed.

No. of Pages : 45 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5976/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ACTIVE COMPOUND COMPOSITIONS FOR VECTOR CONTROL OF INSECTICIDE RESISTANT PESTS

(51) International classification	:A01N47/22,A01N51/00,A01P7/02
(31) Priority Document No	:12154470.4
(32) Priority Date	:08/02/2012
(33) Name of priority country	:EPO
(86) International Application No Filing Date	:PCT/EP2013/052177 :04/02/2013
(87) International Publication No	:WO 2013/117521
(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)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany
(72)**Name of Inventor :**
1)SONNECK Rainer
2)HORSTMANN Sebastian

(57) Abstract :
The invention is in the technical field of vector control and in particular mosquito and bed bug control. The active compound compositions of this invention are used against animal pests such as arthropods which transmit disease pathogens or which annoy the well being of humans and animals. The active compound compositions of this invention are in particular useful to overcome target specific and/or metabolic specific resistance of mosquitos and bed bugs.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5977/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STORAGE APPARATUS WITH A PLURALITY OF NONVOLATILE SEMICONDUCTOR STORAGE UNITS AND CONTROL METHOD THEREOF TO PLACE HOT DATA IN STORAGE UNITS WITH HIGHER RESIDUAL LIFE AND COLD DATA IN STORAGE UNITS WITH LOWER RESIDUAL LIFE

(51) International classification :G06F3/06,G06F12/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/000843
Filing Date :08/02/2012
(87) International Publication No :WO 2013/118170
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI LTD.
Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan
(72)**Name of Inventor :**
1)KOSEKI Hideyuki
2)OGAWA Junji

(57) Abstract :
A storage apparatus is provided with a plurality of nonvolatile semiconductor storage media and a storage controller that is a controller that is coupled to the plurality of semiconductor storage media. The storage controller identifies a first semiconductor storage unit that is at least one semiconductor storage media and a second semiconductor storage unit that is at least one semiconductor storage media and that is provided with a remaining length of life shorter than that of the first semiconductor storage unit based on the remaining life length information that has been acquired. The storage controller moreover identifies a first logical storage region for the first semiconductor storage unit and a second logical storage region that is provided with a write load higher than that of the first logical storage region for the second semiconductor storage unit based on the statistics information that indicates the statistics that is related to a write for every logical storage region. The storage controller reads data from the first logical storage region and the second logical storage region and writes data that has been read from the first logical storage region to the second logical storage region and/or writes data that has been read from the second logical storage region to the first logical storage region.

No. of Pages : 112 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.536/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SPHERICAL PELLETS CONTAINING COMMON CLAY PARTICULATE MATERIAL USEFUL AS A PROPPANT IN HYDRAULIC FRACTURING OF OIL AND GAS WELLS

(51) International classification :C09K8/62,E21B43/267
(31) Priority Document No :61/664591
(32) Priority Date :26/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/047907
Filing Date :26/06/2013
(87) International Publication No :WO 2014/004681
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BROWNWOOD CLAY HOLDINGS LLC
Address of Applicant :2700 Barton Creek Blvd. Suite 230 Austin TX 78735 U.S.A.
(72)**Name of Inventor :**
1)GEARY Bryan Dell
2)HALL David Glenn
3)SORRELL Carlton Frazier
4)DAVIS Gary J.
5)WATKINS Richard F.

(57) Abstract :
A ceramic propping agent in the form of a spherical pellet and containing common mineral particulate. The desired propping agent is defined as a particulate ceramic made from raw materials which may be comprised of about: 10% 90% parts by weight of a naturally occurring mineral particulate 30% 70% parts by weight aluminosilicate network modifier 0.25 20% parts by weight strength enhancer and at least one part typically less than 10% by weight binder. For use in oil and/or natural gas wells as a hydraulic fracturing proppant.

No. of Pages : 46 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.567/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INSULATED HEAT SOURCE

(51) International classification :A24F47/00
(31) Priority Document No :12182972.5
(32) Priority Date :04/09/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067871
Filing Date :29/08/2013
(87) International Publication No :WO 2014/037270
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PHILIP MORRIS PRODUCTS S.A.
Address of Applicant :Quai Jeanrenaud 3 CH 2000 Neuchtel Switzerland
(72)**Name of Inventor :**
1)ROUDIER Stphane
2)BONNELY Samuel

(57) Abstract :
A heat source (2) for a smoking article has an upstream end (4) and an opposed downstream end (6) and comprises a combustible carbonaceous core (8) and an integral non combustible thermally insulating peripheral layer (10). The core (8) extends from the upstream end (4) of the heat source (2) to the downstream end (6) of the heat source (2). The peripheral layer (10) extends from the upstream end (4) of the heat source (2) only part way along the length of the heat source (2) and circumscribes an upstream portion (12) of the core (8).

No. of Pages : 33 No. of Claims : 15

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

(21) Application No.5822/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A CONTINUOUS PROCESS FOR THE CARBONYLATION OF ETHYLENE

(51) International classification :C07C67/38,C07C69/24,C07C67/48
(31) Priority Document No :1122054.8
(32) Priority Date :21/12/2011
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2012/053204
Filing Date :20/12/2012
(87) International Publication No :WO 2013/093472
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LUCITE INTERNATIONAL UK LIMITED
Address of Applicant :Cumberland House 15 17 Cumberland Place Southampton Hampshire SO15 2BG U.K.
(72)**Name of Inventor :**
1)TINDALE Neil
2)EASTHAM Graham Ronald

(57) Abstract :
A continuous process for the production of an alkyl ester product is described. The process comprises the steps of carbonylating ethylene with carbon monoxide in the presence of C1-6 alkanol co-reactant to form the alkyl ester product. The carbonylation takes place in the presence of a catalyst system comprising; a . a bidentate ligand, b . a catalytic metal selected from a group 8, 9 or 10 metal or a compound thereof, and c . a sulphonic acid capable of forming an acid alkyl ester with the C1-6 alkanol. The process includes the step of separating the alkyl ester product from a carbonylated crude product stream by treatment effective to vaporise the alkyl ester product in a single stage flash distillation column and provide a purified alkyl ester product stream separated from the bidentate ligand and catalytic metal. The distillation column includes further separation means effective to provide further separation of the product.

No. of Pages : 154 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5985/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STABILIZED NUTRITIONAL COMPOSITIONS INCLUDING STARCH

(51) International classification :A23L1/0522,A23L1/29,A23L1/305
(31) Priority Document No :61/581640
(32) Priority Date :30/12/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/067555
Filing Date :03/12/2012
(87) International Publication No :WO 2013/101400
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABBOTT LABORATORIES
Address of Applicant :100 Abbott Park Road Abbott Park IL 60064 3500 U.S.A.
(72)**Name of Inventor :**
1)VURMA Mustafa
2)KONUKLAR Gul

(57) Abstract :
Disclosed are stabilized nutritional compositions having a stabilizer system including starch or a combination of starch and maltotriose and methods for manufacturing the compositions. The retrogradation effect commonly seen with starch stabilizers is substantially reduced or even eliminated in the disclosed nutritional compositions.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5986/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE

(51) International classification	:C07C237/22,A61K31/16,A61K31/38
(31) Priority Document No	:PCT/CN2012/070601
(32) Priority Date	:19/01/2012
(33) Name of priority country	:China
(86) International Application No Filing Date	:PCT/CN2013/000068 :21/01/2013
(87) International Publication No	:WO 2013/107291
(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)AGIOS PHARMACEUTICALS INC.
Address of Applicant :38 Sidney Street Cambridge Massachusetts 02139 U.S.A.
(72)**Name of Inventor :**
1)LEMIEUX Rene M.
2)POPOVICI MULLER Janeta
3)TRAVINS Jeremy
4)CAI Zhenwei
5)CUI Dawei
6)ZHOU Ding

(57) Abstract :
Provided are methods of treating a cancer characterized by the presence of a mutant allele of IDH1/2 comprising administering to a subject in need thereof a compound described here.

No. of Pages : 181 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5987/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ANHYDROUS POLYMORPHS OF (2R,3S,4R,5R)-5-(6-(CYCLOPENTYLAMINO)-9H-PURIN-9-YL)-3,4-DI-HYDROXYTETRAH YDROFURAN-2 -YL) } METHYL NITRATE AND PROCESSES OF PREPARATION THEREOF

(51) International classification	:C07H19/167,A61K31/7076,A61P27/02
(31) Priority Document No	:61/591037
(32) Priority Date	:26/01/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2013/023166
Filing Date	:25/01/2013
(87) International Publication No	:WO 2013/112850
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INOTEK PHARMACEUTICALS CORPORATION
Address of Applicant :131 Hartwell Avenue 1st Floor Suite 105 Lexington MA 02421 U.S.A.
(72)**Name of Inventor :**
1)MCVICAR William K.

(57) Abstract :
The present invention provides novel anhydrous polymorph forms of 2R,3S,4R,5R)-5-(6-(cyclopentylamino)-9Hpurin- 9-yl)-3,4-dihydroxytetrahydrofuran-2-yl)methyl nitrate (Compound A). The present invention also provides processes for preparation of the anhydrous polymorphic forms of compound A.

No. of Pages : 45 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.582/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AUTO CHANGER SPINDLE MOUNTING ASSEMBLY ADAPTED TO DRILL TAP MACHINES

(51) International classification :B23Q3/157
(31) Priority Document No :13/546089
(32) Priority Date :11/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049998
Filing Date :11/07/2013
(87) International Publication No :WO 2014/011826
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AIR TURBINE TECHNOLOGY INC.
Address of Applicant :1225 Broken Sound Parkway NW Suite #d Boca Raton FL 33487 U.S.A.
(72)**Name of Inventor :**
1)DODDS Kemma Samuel

(57) Abstract :
Described is a novel spindle mounting assembly for use with a computer numeric controlled (CNC) machine such as a drill tap machine. In one example an auto changer spindle mounting assembly includes a collar with a gas inlet. The collar defines a collar opening therethrough to create a passage between the first side of the collar with the second side of the collar. The collar further includes a passage in fluid communication between the gas inlet and through a nipple to the collar opening. The mounting assembly includes a manifold body with a gas outlet adapted to mate with the gas inlet of the collar the manifold body defined a passage in fluid communications between the gas outlet and a manifold body inlet. Also included is at least one extension bar adapted to mechanically fasten to the manifold body to a computer controlled machine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.598/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DEUTERATED IBRUTINIB

(51) International classification :C07D487/04,C07B59/00,A61K31/519
(31) Priority Document No :61/677307
(32) Priority Date :30/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/052721
Filing Date :30/07/2013
(87) International Publication No :WO 2014/022390
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CONCERT PHARMACEUTICALS INC.
Address of Applicant :99 Hayden Avenue Suite 500 Lexington MA 02421 U.S.A.
(72)**Name of Inventor :**
1)TUNG Roger D.
2)MORGAN Adam J.

(57) Abstract :
The present invention in one embodiment provides a compound of Formula (I); or a pharmaceutically acceptable salt thereof wherein the variables shown in Formula (I) are as defined in the specification.

No. of Pages : 41 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014
(21) Application No.5980/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HERBICIDAL COMPOSITION COMPRISING NICOSULFURON OR ITS SALT AND S METOLACHLOR OR ITS SALT

(51) International classification :A01N47/36,A01N37/22
(31) Priority Document No :2011285654
(32) Priority Date :27/12/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/084281
Filing Date :26/12/2012
(87) International Publication No :WO 2013/100178
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ISHIHARA SANGYO KAISHA LTD.
Address of Applicant :3 15 Edobori 1 chome Nishi ku Osaka shi Osaka 5500002 Japan
(72)**Name of Inventor :**
1)YAMADA Ryu
2)OKAMOTO Hiroyuki
3)TERADA Takashi

(57) Abstract :
At present various herbicidal compositions have been developed and use but there are a variety of types of weeds to be controlled and their development lasts for a long period of time. Thus a herbicidal composition having a broad herbicidal spectrum having high activity and having a long lasting effect has been desired. The present invention relates to a herbicidal composition comprising (a) nicosulfuron or its salt and (b) S metolachlor or its salt. According to the present invention a herbicidal composition having a broad herbicidal spectrum having high activity and having a long lasting effect can be provided.

No. of Pages : 33 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5982/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING POLYTETRAFLUOROETHYLENE FINE POWDER

(51) International classification :C08F2/26,C08F6/22,C08J3/16
(31) Priority Document No :2012020530
(32) Priority Date :02/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/052108
Filing Date :30/01/2013
(87) International Publication No :WO 2013/115278
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASAHI GLASS COMPANY LIMITED
Address of Applicant :5 1 Marunouchi 1 chome Chiyoda ku Tokyo 1008405 Japan
(72)**Name of Inventor :**
1)HIGUCHI Shinya
2)KOBAYASHI Shigeki
3)NAGAI Hiroki

(57) Abstract :
Provided is a method for producing a PTFE fine powder having high bulk density and low concentration of non flocculated PTFE in flocculent drainage. In the present invention a PTFE emulsion is produced by emulsion polymerization of TFE in the presence of an aqueous medium one or more types of fluorine containing emulsifiers selected from the group consisting of fluorine containing carboxylic acids and salts thereof having 4 7 carbon atoms and 1 4 etheric oxygen atoms in the main chain thereof and a radical polymerization initiator the resultant PTFE emulsion is adjusted to a PTFE concentration of 10 25 mass% flocculent agitation is performed at a flocculation temperature of 5 18°C a non dried PTFE fine powder is separated out and the obtained non dried PTFE fine powder is dried to produce a PTFE fine powder.

No. of Pages : 31 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5983/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DISTILLATION COLUMN HEAT PUMP WITH COMPRESSOR INLET SUPERHEATER

(51) International classification :C07C7/09,C07C9/16,C07C5/27
(31) Priority Document No :13/411830
(32) Priority Date :05/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/027234
Filing Date :22/02/2013
(87) International Publication No :WO 2013/133987
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UOP LLC
Address of Applicant :25 East Algonquin Road P. O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.
(72)**Name of Inventor :**
1)SADLER Clayton C.
2)ZHU Xin X.
3)NGO Tokhanh
4)SHECTERLE David J.

(57) Abstract :
Hydrocarbon distillation columns with heat pumps and methods of operating them are described. The overhead stream is compressed to increase temperature so that it can be used both to heat the reboiler and to superheat the overhead stream before it enters the heat pump compressor.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.527/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RESOURCE ALLOCATION SIGNALLING

(51) International classification :H04W72/04
(31) Priority Document No :1213794.9
(32) Priority Date :02/08/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/JP2013/068573
Filing Date :02/07/2013
(87) International Publication No :WO 2014/021058
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)AWAD Yassin Aden
2)LIANG Caroline
3)SEO Kay
4)ARNOTT Robert

(57) Abstract :
A mobile telecommunications system is described in which a base station uses enhanced allocation techniques to reduce fragmentation of resource allocations within a sub frame due to the presence of control data within resources used for carrying user data. Different solutions are described including provision of supplemental information to supplement existing resource allocation data use of overloading such that DCI formats may have different interpretations and the provision of new DCI formats.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.556/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CALIBRATION OF MULTIPLE APERTURE ULTRASOUND PROBES

(51) International classification :G01S15/89,G01S15/02,A61B8/00
(31) Priority Document No :61/681986
(32) Priority Date :10/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054515
Filing Date :12/08/2013
(87) International Publication No :WO 2014/026185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MAUI IMAGING INC.
Address of Applicant :256 Gibraltar Drive Suite 107 Sunnyvale CA 94089 U.S.A.
(72)**Name of Inventor :**
1)CALL Josef R.
2)OSBORN Nathan W.
3)BELEVICH Artem
4)RITZI Bruce R.

(57) Abstract :
The quality of ping based ultrasound imaging is dependent on the accuracy of information describing the precise acoustic position of transmitting and receiving transducer elements. Improving the quality of transducer element position data can substantially improve the quality of ping based ultrasound images particularly those obtained using a multiple aperture ultrasound imaging probe i.e. a probe with a total aperture greater than any anticipated maximum coherent aperture width. Various systems and methods for calibrating element position data for a probe are described.

No. of Pages : 46 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.571/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMMUNICATION DEVICE AND WORK VEHICLE EQUIPPED WITH SAME

(51) International classification :H04B1/04,E02F9/00,H04B1/40
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/075327
Filing Date :19/09/2013
(87) International Publication No :WO 2015/040719
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOMATSU LTD.
Address of Applicant :2 3 6 Akasaka Minato ku Tokyo 1078414 Japan
(72)**Name of Inventor :**
1)KAWASAKI Shinpei
2)ISHIDOU Motoi
3)TSUSHIMI Yasushi

(57) Abstract :
A reader/writer (15) as a communication device that performs at least one of reading identification information stored in an IC tag (30) as an identification component and writing identification information to the IC tag (30) is provided with: a wireless control circuit unit (35) that generates an output for communication; a temperature sensor (36) as a temperature detection unit that detects the temperature of an environment in which elements constituting the wireless control circuit unit (35) such as an RFID chip (41) a balun (42 47) a filter circuit (43 46) a power amplifier (44) and a coupler (45) are used; a temperature determination unit (65) that determines whether on the basis of the temperature detected by the temperature sensor (36) the environment in which the elements are used is in a use temperature range for the elements; and a wireless power supply control unit (34) that suppresses power supply to the wireless control circuit unit (35) when it is determined by the temperature determination unit (65) that the elements are not in the environment within the use temperature range.

No. of Pages : 49 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.587/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POSITION CALCULATION METHOD AND POSITION CALCULATOR

(51) International classification :G01S19/27,G01S19/25,G01S19/42
(31) Priority Document No :2012169122
(32) Priority Date :31/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/003885
Filing Date :21/06/2013
(87) International Publication No :WO 2014/020818
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SEIKO EPSON CORPORATION
Address of Applicant :4 1 Nishi shinjuku 2 chome Shinjuku ku Tokyo 1630811 Japan
(72)**Name of Inventor :**
1)MURAKI Kiyotaka

(57) Abstract :
The purpose of the present invention is to shorten the time to calculate the initial position for position calculation based on a satellite signal for positioning. When calculating the initial position that does not have the ephemeris the position calculator (1) receives positioning support information superimposed on a quasi zenith satellite signal issued from a quasi zenith satellite (5) predicts the satellite orbit of a GPS satellite (3) on the basis of the position and speed of the GPS satellite (3) contained in the positioning support information and calculates the position using the ephemeris estimated from the predicted satellite orbit.

No. of Pages : 43 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.603/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LOW FAT OR FAT FREE AIR BUBBLE CONTAINING EMULSION

(51) International classification :A23G9/32,A23C1/14,A23G9/04
(31) Priority Document No :2012164013
(32) Priority Date :24/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070014
Filing Date :24/07/2013
(87) International Publication No :WO 2014/017525
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEIJI CO. LTD.
Address of Applicant :2 10 Shinsuna 1 chome Koto ku Tokyo 1368908 Japan
(72)**Name of Inventor :**
1)KASHIWAGI Kazunori
2)TSUCHIE Yoshikazu
3)OHKUBO Kouzou
4)KANAYA Yuka
5)ICHIBA Tomoko

(57) Abstract :
The present invention relates to a low fat or fat free air bubble containing emulsion which contains a whey protein aggregate and method for producing the same. By means of the present invention it is possible to provide a low fat or fat free air bubble containing emulsion that substantially does not require the use of a stabilizer or emulsifier is guaranteed to have high overrun and has good flavor and texture.

No. of Pages : 53 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.545/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DOOR LOCK DEVICE

(51) International classification :E05B65/32
(31) Priority Document No :2012170590
(32) Priority Date :31/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070035
Filing Date :24/07/2013
(87) International Publication No :WO 2014/021162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan
(72)**Name of Inventor :**
1)YAMAGUCHI Atsushi
2)TADA Takeshi
3)SONO Yasuhiko
4)TANIYAMA Masashi
5)KOJIMA Yusuke
6)KATSURAYAMA Atsushi
7)NISHIO Takashi
8)KOJIMA Kazunori
9)IWATA Masanari
10)YAMADA Yusuke

(57) Abstract :
According to this door lock device when there is a malfunction in which the open link is jammed by dust and therefore does not move from the lock waiting position to the unlock waiting position even when an unlock action is performed when a lever that is interlocked to an outside handle is turned a sliding contact tilt guide provided on a support body slides and makes sliding contact with the open link and forcibly tilts the open link and as a result it becomes unnecessary to increase the energizing force of a torsion coil spring as a precaution against such malfunction. This makes it possible to reduce the operational resistance when the door lock device is put into the locked state.

No. of Pages : 86 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.577/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THROTTLING CELL NOTIFICATION

(51) International classification :H04W28/02,H04L12/801
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2012/050881
Filing Date :17/08/2012
(87) International Publication No :WO 2014/027935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
Address of Applicant :S 164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)SKOG Robert

(57) Abstract :
A network node (240) communicating cell congestion information to a mobile communication device (210) after receiving a request for content from the mobile communication device wherein the network node compares an identity of the mobile communication device with stored mobile communication device identities and notifies the mobile communication device of cell congestion if the mobile communication device identity matches a stored mobile communication device identity.

No. of Pages : 22 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.593/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM FOR MAINTAINING ACCURATE IDEAL CLOCK TIME

(51) International classification :G06F1/12,G01R23/00
(31) Priority Document No :61/666101
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/048566
Filing Date :28/06/2013
(87) International Publication No :WO 2014/005016
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FINITE STATE RESEARCH LLC
Address of Applicant :2718 Creeks Edge Parkway Austin TX 78733 U.S.A.
(72)**Name of Inventor :**
1)DOUGAN Cort
2)YODAIKEN Victor

(57) Abstract :
Methods time consumer systems and computer program products for maintaining accurate time on an ideal clock (300) of a timing device (100) are disclosed. The method includes receiving (S1100) time information from a local clock (320/340) a reference clock (110,310/330/350) and one or more secondary clocks (120). The method further includes calculating (S1110) frequencies for the local clock the reference clock and the one or more secondary clocks. The method further includes comparing (S1120) the calculated frequencies of the reference clock to the calculated frequencies of the one or more secondary clocks. The method further includes detecting (S1130) a holdover and/or a compromise situation based on the comparison. The method further includes syntonizing (S1140) the ideal clock (300) to one or more of the calculated frequencies.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.610/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ORIENTED ELECTROMAGNETIC STEEL PLATE PRODUCTION METHOD

(51) International classification :C21D8/12,C22C38/00,C22C38/60
(31) Priority Document No :2012165519
(32) Priority Date :26/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070186
Filing Date :25/07/2013
(87) International Publication No :WO 2014/017590
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)SHINGAKI Yukihiro
2)IMAMURA Takeshi
3)SUEHIRO Ryuichi
4)HAYAKAWA Yasuyuki
5)WAKISAKA Yuiko

(57) Abstract :
A production method for an oriented electromagnetic steel plate whereby a steel slab containing in mass% 0.001% 0.10% C 1.0% 5.0% Si and 0.01% 0.5% Mn and having Al reduced to less than 0.0100 mass% and S Se O and N each reduced to no more than 0.0050 mass% is: hot rolled; processed to a final plate thickness by cold rolling once or cold rolling at least twice with intermediate annealing in between; subjected to primary recrystallization annealing; then coated with an annealing separation agent and finish annealed. An oriented electromagnetic steel plate having miniaturized secondary recrystallization particles and stabilized low iron loss can be obtained as a result of rapid heating at an average temperature increase speed of 40 200°C/s between 550 700°C during the heating process in the primary recrystallization annealing and by maintaining a temperature increase speed of no more than 10°C/s for 1 10 s during any one temperature zone between 250 550°C.

No. of Pages : 25 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5951/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS TO MUTATE CIRCULAR DEOXYRIBONUCLEOTIDES

(51) International classification :C07H21/04,C12Q1/68,C12N15/11
(31) Priority Document No :61/588989
(32) Priority Date :20/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/022237
Filing Date :18/01/2013
(87) International Publication No :WO 2013/109950
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KENNESAW STATE UNIVERSITY RESEARCH AND SERVICES FOUNDATION
Address of Applicant :1000 Chastain Road Kennesaw GA 30144 U.S.A.
(72)**Name of Inventor :**
1)SALERNO John C.

(57) Abstract :
The invention provides improved mutagenic plasmids and a method for making and using them. In one embodiment a cyclic mutagenic nucleic acid is replicated to form interlocking digestibly separable duplex or simplex rings; and then one or more of the interlocked rings are cleaved selectively by means of a restriction enzyme to liberate an intact duplex or simplex ring. The mutagenic plasmids show substantially improved efficiencies in transforming cellular microorganism that are exposed to them.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5952/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MODULE BASED REST STATION COMPRISING COMPOSTING SYSTEM

(51) International classification :A47K11/02,C05F3/04,C05F3/06
(31) Priority Document No :PCT/SE2011/051612
(32) Priority Date :30/12/2011
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2012/050267
Filing Date :09/03/2012
(87) International Publication No :WO 2013/100840
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AGI Imad
Address of Applicant :Storgatan 11 S 452 32 Strmstad Sweden
2)PASKO Elena
(72)**Name of Inventor :**
1)AGI Imad
2)PASKO Elena

(57) Abstract :
The present invention relates to a system for composting feces and for treating urine, comprising a housing (11,12,13,16) enclosing an interior space (10), a composting compartment (7) disposed within the housing including a feces inlet for receiving feces from a feces receiving means (2) disposed in the interior space (10), a liquid passage whereby liquid can be drained from the composting compartment (7) through the liquid passage (71), vent means (18) coupled to the composting compartment (7) for exposing the feces bed inside the feces compartment to sufficient air to allow the feces to compost, thereby forming a compost product, a urine-treatment tank (8) coupled to the liquid passage for receiving urine from the feces compartment. The aim of the invention is to provide an efficient way of overcoming health risks when treating human waste in a rest facility. This is achieved by using a transportable module based system, which may easily be disassembled and assembled.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5953/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR DEGRADING TOXIC ORGANIC COMPOUNDS CONTAINED IN WASTEWATER AND/OR WASTE GASES

(51) International classification :B01D53/70,B01D53/73,B01D53/78
(31) Priority Document No :A 205/2012
(32) Priority Date :20/02/2012
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2013/050038
Filing Date :14/02/2013
(87) International Publication No :WO 2013/123540
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMMERZIALBANK MATTERSBURG IM BURGENLAND AKTIENGESELLSCHAFT
Address of Applicant :Judengasse 11 A 7210 Mattersburg Austria
(72)**Name of Inventor :**
1)PHILIPP Franz Josef

(57) Abstract :
Method for degrading toxic organic compounds contained in wastewater and/or waste gases wherein the wastewater or waste gases (2) polluted with toxic organic compounds is/are first introduced into an aqueous basic alkaline or alkaline earth solution/slurry bath (3) to destabilize the toxic organic compounds and then the solution/slurry bath (3) containing the destabilized toxic organic compounds is fed into a capillary mass (4) arranged thereabove formed from a mixture of reprocessed wood materials and peat mixed with bentonite zeolite and/or lime with a particle size <200 µm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.612/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ORIENTED ELECTROMAGNETIC STEEL PLATE PRODUCTION METHOD

(51) International classification :C21D8/12,C22C38/00,C22C38/60
(31) Priority Document No :2012165523
(32) Priority Date :26/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070187
Filing Date :25/07/2013
(87) International Publication No :WO 2014/017591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)SHINGAKI Yukihiro
2)IMAMURA Takeshi
3)SUEHIRO Ryuichi
4)WATANABE Makoto

(57) Abstract :
A production method for an oriented electromagnetic steel plate whereby a steel slab containing in mass% 0.001% 0.10% C 1.0% 5.0% Si 0.01% 0.5% Mn 0.005 0.040% S and/or Se 0.003 0.050% sol. Al and 0.0010 0.020% N is: hot rolled; processed to a final plate thickness by cold rolling once or cold rolling at least twice with intermediate annealing in between; subjected to primary recrystallization annealing; then coated with an annealing separation agent and finish annealed. An oriented electromagnetic steel plate having miniaturized secondary recrystallization particles and stabilized low iron loss can be obtained as a result of rapid heating at an average temperature increase speed of 40 200°C/s between 550 700°C during the heating process in the primary recrystallization annealing and by maintaining a temperature increase speed of no more than 10°C/s for 1 10 s during any one temperature zone between 250 550°C.

No. of Pages : 22 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.583/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DATA TRANSMITTING/RECEIVING METHOD

(51) International classification :H04W52/02,H04W56/00,H04W84/20
(31) Priority Document No :2012162409
(32) Priority Date :23/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006001
Filing Date :21/09/2012
(87) International Publication No :WO 2014/016877
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)National Institute of Information and Communications Technology
Address of Applicant :4 2 1 Nukui Kitamachi Koganei shi Tokyo 1848795 Japan
(72)**Name of Inventor :**
1)KOJIMA Fumihide
2)HARADA Hiroshi

(57) Abstract :
Provided is a data transmitting/receiving method capable of effectively minimizing power consumption. The method has: a synchronization step for establishing synchronization between a master device and a slave device on the basis of prescribed synchronization information transmitted by the master device or the slave device; a CAP setting step for setting a contention access period (CAP) for the master device and the slave device at a prescribed timing on the basis of the established synchronization; a starting step for starting data transmission/reception between the master device and the slave device in the CAP; and a prolongation step for prolonging the data transmission/reception after the CAP when the data transmission/reception does not finish within the CAP.

No. of Pages : 63 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.599/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR THE ACID TREATMENT OF RED MUD

(51) International classification :C22B7/00,C22B21/00,C22B59/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/RU2012/000593
Filing Date :20/07/2012
(87) International Publication No :WO 2014/014380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU OBEDINENNAYA KOMPANIYA RUSAL INZHENERNO TEKHNOLOGICHESKIY TSENTR
Address of Applicant :ul. Pogranichnikov 37 str. 1 Krasnoyarsk 660111 Russia
(72)**Name of Inventor :**
1)BOGOMAZOV Aleksandr Viktorovich
2)SENYUTA Aleksandr Sergeevich

(57) Abstract :
The invention relates to the metallurgical industry specifically to the acid treatment of red mud obtained in the process of producing alumina and can be used in technologies for recycling waste from alumina refinery holding ponds. The method for the acid treatment of red mud involves leaching using a leaching agent comprised of water soluble aliphatic carbonic acids having fewer than 3 carbon atoms per molecule filtering the solution and separating the recoverable end products. To ensure a high level of recovery of valuable components and the increased productivity of the process leaching is conducted with the addition of red mud in portions and with the control of pH values and when a target pH value of between 2.3 and 3.8 is reached no more red mud is added and once leaching is complete the solution is kept at a given leaching temperature for no less than one hour.

No. of Pages : 9 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2013

(21) Application No.614/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PRODUCTION OF PROBIOTIC FRUIT JUICES

(51) International classification :A23L1/30
(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

(71)**Name of Applicant :**
1)PAU LUDHIANA AND INDIAN COUNCIL OF AGRICULTURAL RESEARCH (ICAR)
Address of Applicant :PAU LUDHIANA, 141004 KRISHI BHAWAN, 1, DR, RAJENDRA PRASAD ROAD, NEW DELHI-110001 India
(72)**Name of Inventor :**
1)ARORA MANINDER
2)SARAO LOVELEEN KAUR
3)SEHGAL V. K.
4)BHATIA SUREKHA
5)KAUR AMARJEET
6)ALAM M.S.

(57) Abstract :
Probiotic fruit juice products disclosed consists of one fruit juice and two probiotic bacteria. Process development, optimization and evaluation of Probiotic fruit juices viz. kinnow, guava and mango has been done. The juices were fortified using the probiotic strains, Lactobacillus acidophilus and Lactobacillus casei individually and in combination. The fortification of the juices was done using free cells as well as microencapsulated probiotic bacteria. When refrigerated for four weeks, the probiotic kinnow juice, guava juice and mango juice containing free probiotics as well as the ones containing the microencapsulated strains retained an average count of 6-14x10 cfulml. The best combination was of L. acidophilus and L. casei being added together without microencapsulation in case of all the juices. The sensory evaluation of the developed juices indicated that the consumer preference was more for the juices with free probiotic cells.

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.614/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SPRINGBACK CAUSE IDENTIFICATION METHOD AND SPRINGBACK CAUSE IDENTIFICATION DEVICE

(51) International classification :B21D22/00,G06F17/50
(31) Priority Document No :2012211728
(32) Priority Date :26/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/071950
Filing Date :15/08/2013
(87) International Publication No :WO 2014/050342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)SUMIKAWA Satoshi
2)ISHIWATARI Akinobu

(57) Abstract :
A springback cause identification method that includes: a step wherein analysis of press forming is performed; a step wherein a springback analysis is performed on the basis of information obtained in the press forming analysis; a step wherein the shape of a press formed article obtained in the press forming analysis is divided into multiple areas; a step wherein the Young s modulus in a specified direction of any of the divided areas is changed; a step wherein a springback analysis is performed on the press formed article for which the Young s modulus has been changed; a step wherein a springback amount difference is obtained from the results of the multiple springback analyses; and a step wherein a springback cause is identified on the basis of the obtained springback amount difference.

No. of Pages : 46 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5966/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THERMOPLASTIC RESIN COMPOSITION FOR CLEANING MOLDING MACHINE

(51) International classification	:B29C33/72,C08K5/098,C08K5/103
(31) Priority Document No	:2012014737
(32) Priority Date	:27/01/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/050510 :15/01/2013
(87) International Publication No	:WO 2013/111632
(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)DAICEL POLYMER LTD.
Address of Applicant :2 18 1 Konan Minato ku Tokyo 1088231 Japan
(72)**Name of Inventor :**
1)WAKITA Naoki

(57) Abstract :
Provided is a thermoplastic resin composition that is for cleaning a molding machine and has favorable workability and cleaning characteristics when cleaning the interior of a thermoplastic resin molding machine such as an extruding machine injection molding machine or the like. The thermoplastic resin composition for cleaning a molding machine contains: (A) an olefin resin; (B) a thermoplastic resin that does not have compatibility with the olefin resin in component (A); (C) a thermoplastic resin for compatibilizing the olefin resin of component (A) and the thermoplastic resin of component (B); (D) an alkali metal salt of a fatty acid; (E) a nonionic surfactant; and (F) a metal salt of an alkyl acid phosphate.

No. of Pages : 15 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5967/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THERMOPLASTIC RESIN COMPOSITION FOR CLEANING MOLDING MACHINE

(51) International classification :B29C33/72,C08K5/098,C08K5/103
(31) Priority Document No :2012014738
(32) Priority Date :27/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/050511
Filing Date :15/01/2013
(87) International Publication No :WO 2013/111633
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DAICEL POLYMER LTD.
Address of Applicant :2 18 1 Konan Minato ku Tokyo 1088231 Japan
(72)**Name of Inventor :**
1)WAKITA Naoki

(57) Abstract :
Provided is a thermoplastic resin composition that is for cleaning a molding machine and that has favorable workability and cleaning characteristics when cleaning the interior of a thermoplastic resin molding machine such as an extrusion machine an injection molding machine or the like. The thermoplastic resin composition for cleaning a molding machine contains: (A) a thermoplastic resin containing a styrene resin; (B) an alkali metal salt of a fatty acid; (C) a nonionic surfactant; and (D) a metal salt of an alkyl acid phosphate.

No. of Pages : 14 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5968/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LAUNDRY CARE COMPOSITIONS CONTAINING DYES

(51) International classification :C11D3/40,C09B29/08
(31) Priority Document No :61/597925
(32) Priority Date :13/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056794
Filing Date :24/09/2012
(87) International Publication No :WO 2013/006871
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MILLIKEN & COMPANY
Address of Applicant :920 Milliken Road (M 495) Spartanburg South Carolina 29303 U.S.A.
(72)**Name of Inventor :**
1)TORRES Eduardo
2)MIRACLE Gregory S.
3)BRUHNKE John D.

(57) Abstract :
This application relates to laundry care compositions comprising thiophene azo carboxylate fabric shading dyes and methods of treating a textile comprising such laundry care compositions.

No. of Pages : 83 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014
(21) Application No.5969/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WIRELESS COMMUNICATION SYSTEM WIRELESS STATION WIRELESS TERMINAL NETWORK OPERATION MANAGEMENT DEVICE AND COMMUNICATION QUALITY CONFIRMATION METHOD

(51) International classification	:H04W16/18,H04W24/10,H04W64/00
(31) Priority Document No	:2012009486
(32) Priority Date	:19/01/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/050760 :17/01/2013
(87) International Publication No	:WO 2013/108819
(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)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)FUTAKI Hisashi

(57) Abstract :
The present invention is a wireless communication system having a quality measurement means for measuring quality related to service quality of communication between a wireless terminal and a wireless station and an information collecting means for collecting information relating to the position of the wireless terminal for which quality is to be measured wherein the wireless communication system has a means for associating the result of the quality measurement and the information relating to the position of the wireless terminal at the time that a predetermined condition is satisfied during the period in which quality is measured.

No. of Pages : 72 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.613/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING ORIENTED ELECTROMAGNETIC STEEL SHEET

(51) International classification :C21D8/12,C21D9/46,C22C38/00
(31) Priority Document No :2012165516
(32) Priority Date :26/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070185
Filing Date :25/07/2013
(87) International Publication No :WO 2014/017589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)IMAMURA Takeshi
2)SHINGAKI Yukihiro
3)WATANABE Makoto
4)SUEHIRO Ryuichi
5)TAKAMIYA Toshito

(57) Abstract :
A grain oriented electromagnetic steel sheet having low iron loss and small fluctuations in iron loss by a method for producing an oriented electromagnetic steel sheet comprising a series of steps for hot rolling a carbon material comprising 0.002 to 0.10 mass% of C 2.0 to 8.0 mass% of Si and 0.005 to 1.0 mass% of Mn to obtain a hot rolled sheet; after or without annealing the hot rolled sheet cold rolling one time or at least two times between which is interposed an interim annealing to obtain a cold rolled sheet of final sheet thickness; decarburizing annealing that serves as primary recrystallization annealing; and applying an annealing separator to the steel sheet surface and performing a final annealing wherein when the decarburizing annealing temperature of 200 to 700ºC is reached by rapidly heating at 50ºC/s or faster and the temperature is maintained for 1 to 10 seconds at any one temperature between 250 and 600ºC.

No. of Pages : 23 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/04/2014

(21) Application No.3375/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INFORMATION PROCESSING SYSTEM AND FILE RESTORATION METHOD USING SAME

(51) International classification :G06F12/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2011/006072
Filing Date :28/10/2011
(87) International Publication No :WO 2013/061388
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI LTD.
Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan
(72)**Name of Inventor :**
1)MATSUMOTO Shinya
2)NEMOTO Jun
3)IWASAKI Masaaki
4)SAIKA Nobuyuki
5)KANIE Homare
6)ARAI Hitoshi

(57) Abstract :
During file restoration a second server device (3b) sends to a first server device (3a) a directory snapshot that was configured by a file system of the first server device (3a) at a date/time associated with a restoration destination directory said directory snapshot existing among file data stored in a second storage device (10b) and extending from the highest level directory to a specified lower level. The first server device (3a) restores the directory snapshot to a first storage device (10a). If a request has been sent from the first server device (3a) the second server device (3b) reads an additional directory snapshot from the second storage device (10b) and sends said additional directory snapshot to the first server device (3a).

No. of Pages : 106 No. of Claims : 14

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

(21) Application No.3473/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS FOR FABRICATING OPTICAL LENSES

(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

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY KANPUR
Address of Applicant :Kanpur, Uttar Pradesh, 208016, India
(72)**Name of Inventor :**
1)Animangsu GHATAK
2)Abhijit Chandra ROY

(57) Abstract :
Methods of forming a tunable focal length lens and an optical filter are disclosed. The tunable focal length lens may have varying focal lengths due to liquids within micro-channels which may cause varying cross-sectional areas of the micro-channels. The tunable focal length lens may have variable force. The tunable focal length lens may have a variable refractive index. The optical filter may have varying wavelengths due to dyes within the micro-channels. An apparatus incorporating an aspherical lens is also disclosed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.584/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DATA TRANSMITTING/RECEIVING METHOD

(51) International classification :H04W28/06,H04W56/00,H04W84/20
(31) Priority Document No :2012162410
(32) Priority Date :23/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/006002
Filing Date :21/09/2012
(87) International Publication No :WO 2014/016878
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)National Institute of Information and Communications Technology
Address of Applicant :4 2 1 Nukui Kitamachi Koganei shi Tokyo 1848795 Japan
(72)**Name of Inventor :**
1)KOJIMA Fumihide
2)HARADA Hiroshi

(57) Abstract :
Provided is a data transmitting/receiving method capable of effectively minimizing power consumption. This data transmitting/receiving method has: a synchronization step for establishing synchronization between a master device and a slave device; a receiving step for receiving a data frame; a payload extraction step for extracting a payload from the received data frame; a payload unit generation step for generating a new payload unit by joining the extracted payload with another payload extracted from another data frame received from another device or with a new payload generated by the first device itself; a header unit generation step for generating a new synchronization unit and a new header unit; a data frame generation step for generating a new data frame by joining the generated new synchronization unit and new header unit with the new payload unit; and a transmission step for transmitting the generated new data frame.

No. of Pages : 63 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.617/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COOLING UNIT

(51) International classification :A47F3/04
(31) Priority Document No :10 2012 107 712.6
(32) Priority Date :22/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/066455
Filing Date :06/08/2013
(87) International Publication No :WO 2014/029612
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AHT COOLING SYSTEMS GMBH
Address of Applicant :Werksgasse 57 A 8786 Rottenmann Austria
(72)**Name of Inventor :**
1)RESCH Reinhold

(57) Abstract :
The invention relates to a cooling unit comprising a base group (11) a rear wall group (12) and an upper group (13) defining a cooling chamber (4) from below the back and above and are provided at least in part with components of a cooling device (5) and which have a multi layered structure with a flow channel arrangement embodied therein. In the base group (11) as well as the rear wall group (12) and the upper group (13) intermediate spaces are formed between respective layers as parts of the flow channel arrangement and the lower intermediate space (11.6) formed in the base group (11) is on the rear side in fluidic connection for the circulating air with a lower section of the vertical intermediate space (12.4) formed in the rear wall group (12) and the upper intermediate space (13.7) formed in the upper group (13) is on the rear side thereof in fluidic connection for the circulating air with an upper section of the vertical intermediate space (12.4) formed in the rear wall group (12) and an evaporator or another heat exchanger of the cooling device is arranged in the vertical intermediate chamber for generating cooling air. At least one ventilator (56) designed in particular as a radial ventilator is arranged at least in the vertical intermediate spaces in order to guide the airflow through the intermediate spaces (11.6 12.4 13.7) which are the measures allowing an advantageous cooling function.

No. of Pages : 58 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.570/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMMUNICATION DEVICE AND WORK VEHICLE EQUIPPED WITH SAME

(51) International classification :H04B1/04,E02F9/00,H04B1/40
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2013/075317
Filing Date :19/09/2013
(87) International Publication No :WO 2015/040716
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOMATSU LTD.
Address of Applicant :2 3 6 Akasaka Minato ku Tokyo 1078414 Japan
(72)**Name of Inventor :**
1)KAWASAKI Shinpei
2)ISHIDOU Motoi
3)TSUSHIMI Yasushi

(57) Abstract :
A reader/writer (15) as a communication device that performs at least one of reading identification information included in an IC tag (30) as an identification component and writing of identification information to the IC tag (30) is provided with: a CPU board (23) as a control board provided with a CPU (32) as a control unit that controls at least one of the operations and a wireless control circuit unit (35) that outputs a radio wave in accordance with a command from the CPU (32); an antenna unit (24) spaced apart from the CPU board (23); and a connection cable (26) electrically connecting the CPU board (23) and the antenna unit (24). The CPU board (23) is provided with a disconnection detection unit (61) that detects disconnection of the connection cable (26) and a transmission control unit that stops an output from the wireless control circuit unit (35) to the antenna unit (24) when it is determined by the disconnection detection unit (61) that the connection cable (26) is disconnected.

No. of Pages : 50 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2014

(21) Application No.5862/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TRACK LINK AND TRACK DEVICE

(51) International classification :B62D55/21
(31) Priority Document No :2012192990
(32) Priority Date :03/09/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/083580
Filing Date :26/12/2012
(87) International Publication No :WO 2014/033971
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KOMATSU LTD.
Address of Applicant :2 3 6 Akasaka Minato ku Tokyo 1078414 Japan
(72)**Name of Inventor :**
1)HISAMATSU Kenichi
2)KITA Naoaki

(57) Abstract :
A track link (1) has a center section (1A) one end section (1B) which is located on one end side of the center section (1A) and the other end section (1C) which is located on the other end side of the center section (1A). In a second surface (3) the center section (1A) has a first portion (3b) of a tread surface (3a) the one end section (1B2) has a second portion (3c) of the tread surface (3a) and the other end section (1C) has a third portion (3d) of the tread surface (3a). A first outer peripheral section (1B) which reaches the second portion (3c) of the tread surface (3a) is located closer to the second side section (5) side than a bush hole peripheral section (1Bi). The configuration can provide a track link and a track device which are configured so that the wear of the tread surface above the bush hole is reduced while the width of the track link is kept small.

No. of Pages : 26 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/07/2014
(21) Application No.5867/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BASE STATION COMMUNICATION SYSTEM COMMUNICATION METHOD AND PROGRAM RECORDING MEDIUM

(51) International classification :H04W36/04
(31) Priority Document No :2012006324
(32) Priority Date :16/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/008209
Filing Date :21/12/2012
(87) International Publication No :WO 2013/108346
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 1Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)KUBOTA Mitsuhiro
2)HAYASHI Sadahuku
3)MATSUNAGA Yasuhiko

(57) Abstract :
A base station characterized by being provided with: a storage means for storing a list that associates a cell adjacent to the cell managed by the base station in question with an identifier for identifying the core network to which the adjacent cell belongs; a receiving means for receiving from a base station adjacent to the base station the list stored by the adjacent base station; and a controlling means for using the received list as a list of cells managed by the station in question.

No. of Pages : 67 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.602/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A STEEL CORD FOR RUBBER REINFORCEMENT WITH SELECTIVELY BRASS COATED FILAMENTS

(51) International classification :D07B1/06
(31) Priority Document No :12177577.9
(32) Priority Date :24/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/061527
Filing Date :05/06/2013
(87) International Publication No :WO 2014/016028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NV BEKAERT SA
Address of Applicant :Bekaertstraat 2 B 8550 Zwevegem Belgium
(72)**Name of Inventor :**
1)SEYNHAEVE Geert
2)HIMPE Stijn
3)BUYTAERT Guy

(57) Abstract :
A steel cord with two or more filaments possibly including a wrapping filament at least one but not all of the two or more filaments including the possible wrapping filament is coated with a ternary or quaternary alloy coating of copper M zinc. The steel cord with lower cost and good adhesion performance is for reinforcing rubber product.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.619/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PREPARING A POLYAMIDE BY REACTIVE EXTRUSION AND EXTRUDER ADAPTED FOR THE IMPLEMENTATION OF SUCH A METHOD

(51) International classification :C08G69/04,C08G69/28,B29C47/00
(31) Priority Document No :1257317
(32) Priority Date :27/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051793
Filing Date :25/07/2013
(87) International Publication No :WO 2014/016521
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SETUP PERFORMANCE
Address of Applicant :10 route du Chaffard F 38290 Frontonas France
(72)**Name of Inventor :**
1)LAGNEAUX Didier
2)GIMENEZ Jr´me
3)BROSSE Anne Carine
4)GOUJARD Laurent
5)SAUTEL Henri

(57) Abstract :
The invention concerns a method for preparing a polyamide from one or a plurality of monomers suitable for the preparation of a polyamide characterised in that the selected monomer or monomers are introduced without any prior reaction and without any prior preparation of the corresponding salt into an extruder comprising at least two feed screws rotating in a co rotating manner and in that all of the steps of reaction and polycondensation starting initially with the selected monomer or monomers and making it possible to achieve the desired polyamide are carried out in an extruder comprising at least two feed screws rotating in a co rotating manner and the polycondensation is carried out by conducting at least two operations of evacuating the by product or by products formed by the polycondensation reaction.

No. of Pages : 47 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.464/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OXYGEN ABSORBING RESIN COMPOSITION

(51) International classification :C08L23/08,C08F8/00,C08L33/10
(31) Priority Document No :2012154704
(32) Priority Date :10/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068773
Filing Date :09/07/2013
(87) International Publication No :WO 2014/010598
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI GAS CHEMICAL COMPANY INC.
Address of Applicant :5 2 Marunouchi 2 chome Chiyoda ku Tokyo 1008324 Japan
(72)**Name of Inventor :**
1)IWAMOTO Shinpei
2)OKADA Satoshi
3)IKEDA Shinichi

(57) Abstract :
An oxygen absorbing resin composition containing a copolymer polyolefin compound and a transition metal catalyst wherein the copolymer polyolefin compound contains at least one species of constituent unit (a) selected from the group consisting of constituent units represented by general formula (1) and at least one species of constituent unit (b) comprising an indane ring selected from the group consisting of constituent units represented by general formulae (2) and (3).

No. of Pages : 73 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.498/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DIGITAL PROTECTION RELAY DIGITAL PROTECTION RELAY TEST DEVICE AND METHOD FOR TESTING DIGITAL PROTECTION RELAY

(51) International classification	:H02H3/05,G01R31/327,G01R31/333
(31) Priority Document No	:2012180856
(32) Priority Date	:17/08/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/070789 :31/07/2013
(87) International Publication No	:WO 2014/027571
(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)KABUSHIKI KAISHA TOSHIBA
Address of Applicant :1 1 Shibaura 1 chome Minato ku Tokyo 1058001 Japan
(72)**Name of Inventor :**
1)NAKAMURA Seiichi
2)WAKAMATSU Naoki
3)ISHIDA Satoshi

(57) Abstract :
A digital protection relay according to an embodiment of the present invention has: an auxiliary converter (2) for reducing the voltage of an electrical signal from a main circuit converter (1); a detection resistance circuit (20) connected on an output side the input side being the auxiliary converter (2) the detection resistance circuit (20) formed in the shape of the letter p or T; an analog detection circuit (3) attached to the output side of the detection resistance circuit (20) and used for detecting the electrical level of the electrical signal from the auxiliary converter (2); an A/D conversion circuit (4) connected to the analog detection circuit (3); a central processing unit (5) connected to the A/D conversion circuit and used for performing protective actions; and a trip output contact point (9) operating based on the processing of the central processing unit (5) for operating an external breaker (21). The digital protection relay provides between the detection resistance circuit (20) and the analog detection circuit (3) an input contact point terminal (11) for inputting a test signal using a fixed voltage from an external test device (13) to the analog detection circuit (3) as a signal corresponding to the output of the auxiliary converter (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.559/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VEHICLE TRANSMISSION CONTROLLER

(51) International classification :F16H61/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/069408
Filing Date :31/07/2012
(87) International Publication No :WO 2014/020685
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1 Toyota cho Toyota shi Aichi 4718571 Japan
(72)**Name of Inventor :**
1)MASUNAGA Seiji
2)HASEGAWA Yoshio
3)OTA Keisuke

(57) Abstract :
The present invention executes a desired gear shift of an automatic transmission using gear shift modeling even when there are three control inputs to two target gear shift values. Setting torque share ratio as a constraint on the equation of motion for the automatic transmission is suitable for controlling the transfer of engaging unit torque which is considered to be difficult in variable speed control and allows solving of the equation of motion. Viewed from a different angle because the torque share ratio which represents the torque transfer has been set as a constraint any gear shift pattern can be handled with a single gear shift model.

No. of Pages : 44 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015
(21) Application No.575/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MODULAR ELECTROLYSIS UNIT

(51) International classification :C25B1/08,C25B9/20
(31) Priority Document No :13/550247
(32) Priority Date :16/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/047886
Filing Date :26/06/2013
(87) International Publication No :WO 2014/014632
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WOOD STONE CORPORATION
Address of Applicant :1801 West Bakerview Road Bellingham WA 98226 9105 U.S.A.
(72)**Name of Inventor :**
1)KARABIN Tadeusz

(57) Abstract :
This disclosure relates to the field of electrolysis devices. A modular electrolysis unit is specifically disclosed comprising a plurality of interconnecting frames which may have an ion permeable membrane or a passive electrode attached and sealed thereto. A frame composing a manifold is also disclosed in one form with the same attachment system as adjacent membrane frames passive electrode frames and endplates to as to allow modular assembly of the overall device.

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.625/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL METHODS AND INTERMEDIATES FOR THE PREPARATION OF (4BS,5AR)-12-CYCLOHEXYL-N-(N,N-DIMETHYLSULFAMOYL)- 3-METHOXY-5A-((l R,5S) -3-METHYL-3,8-DIAZABICYCLO[3.2.1]OCTANE-8-CARBONYL)-4B,5,5A,6-TETRAHYDROBENZO [3,4]CYCLOPROPA[5,6]AZEPINO[l,2-A]rNDOLE-9-CARBOXAMIDE

(51) International classification :C07D519/00,C07D487/04,A61K31/55
(31) Priority Document No :61/672905
(32) Priority Date :18/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050640
Filing Date :16/07/2013
(87) International Publication No :WO 2014/014885
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BRISTOL MYERS SQUIBBHOLDINGS IRELAND
Address of Applicant :Hinterbergstrasse 16 6312 Steinhausen Switzerland
(72)**Name of Inventor :**
1)DELMONTE Albert J.
2)NATALIE JR. Kenneth J.
3)FRAUNHOFFER Kenneth J.
4)RISATTI Christina Ann
5)HANG Chao
6)GAO Zhinong
7)DAVULCU Akin H.
8)HU Wenhao

(57) Abstract :
The present invention provides methods and intermediates for the preparation of (laR,12bS)-8-cyclohexyl-l 1-fluoro- N-((l-methylcyclopropyl)sulfonyl)-la-((3-methyl-3,8-diazabicyclo[3.2. 1]oct-8-yl)carbonyl)-l,la,2,12b-tetrahydrocyclopropa[d]indolo[2,l-a][2]benzazepine-5-carboxamide (formula I), including pharmaceutically acceptable salts. The compound has activity against hepatitis C virus (HCV) and may be useful in treating those infected with HCV.

No. of Pages : 37 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.572/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL UHMWPE FIBER AND METHOD TO PRODUCE

(51) International classification :D06M10/02,D06M10/00
(31) Priority Document No :61/676398
(32) Priority Date :27/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050468
Filing Date :15/07/2013
(87) International Publication No :WO 2014/058494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONEYWELL INTERNATIONAL INC.
Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown New Jersey 07962 2245 U.S.A.
(72)**Name of Inventor :**
1)ARDIFF Henry Gerard
2)KLEIN Ralf
3)YOUNG John Armstrong
4)TAM Thomas

(57) Abstract :
Processes for preparing ultra high molecular weight polyethylene yarns and the yarns and articles produced therefrom. The surfaces of highly oriented yarns are subjected to a treatment that enhances the surface energy at the yarn surfaces and are coated with a protective coating immediately after the treatment to increase the expected shelf life of the treatment.

No. of Pages : 52 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.588/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MODULAR MICROFLUIDIC DISC

(51) International classification :B01L3/00
(31) Priority Document No :P1200389
(32) Priority Date :27/06/2012
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU2013/000061
Filing Date :26/06/2013
(87) International Publication No :WO 2014/001829
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BUDAPESTI MUSZAKI ‰S GAZDAS • GTUDOM • NYI EGYETEM
Address of Applicant :H 1111 Budapest Muegytem rkp. 3 9 Hungary
(72)**Name of Inventor :**
1)S • NTHA Hunor
2)HARS • NYI G¡bor
3)VARGA M¡t

(57) Abstract :
The invention relates to a microfluidic disc comprising components realised in a disc that is it comprises one (or more) space(s) receiving sample(s) one (or more) container(s) receiving reagent(s) one (or more) reaction space(s) as well as comprising channels connecting the proper components where the location of the various components in relation to each other and their connection with the channels is such that it results in the blending of the sample(s) and the reagent(s) by a centrifugal force. The microfluidic disc comprises at least two parts a base part (2) and a central part(l) where the central part (1) can be inserted into the base part (2) and in said central part (1) one or more containers (3a, 3b, 3c, 3d, 4a, 4b, 4c, 4d) receiving reagents are formed where the proper container (3a, 3b, 3c, 3d, 4a, 4b, 4c, 4d) is connected with a proper outlet opening (10a, 10b, 10c, 10d) at the periphery of the central part (1) by means of the a proper channel(s) (5) and at the edge of the inner region of the base part (2) joining the central part (1) one or more openings (6a, 6b, 6c, 6d) receiving sample(s) and one or more openings (7a, 7b, 7c, 7d) receiving reagent(s) are formed where the proper opening(s) (6a, 6b, 6c, 6d) receiving sample(s) and the proper opening(s) (7a ,7b, 7c, 7d) receiving reagent(s) are connected with the proper reaction space (8a, 8b, 8c, 8d) by means of channel(s) (5).

No. of Pages : 11 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.604/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OVERHEAD CRANE AND ASSEMBLY OF AT LEAST TWO OVERHEAD CRANES

(51) International classification :B65G63/00,B66C19/00,B66C23/82
(31) Priority Document No :2009203
(32) Priority Date :18/07/2012
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2013/050502
Filing Date :05/07/2013
(87) International Publication No :WO 2014/014342
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RAADGEVEND INGENIEURSBURO F. KOCH B.V.
Address of Applicant :Beukenstraat 56 NL 4462 TT Goes Netherlands
(72)**Name of Inventor :**
1)KOCH Franciscus

(57) Abstract :
An overhead crane (21,22) for hoisting and moving containers (2) comprises a rail track (23,24) which rests on the ground by means of columns (25) and a frame (31,32) which is displaceable along the rail track (23,24) and is provided with means for picking up and hoisting containers (2). In particular the frame (31,32) is a frame which is suitable to accommodate at least one container (2) completely. In an assembly (20) of at least two overhead cranes (21,22) as described the rail tracks (23,24) of the overhead cranes (21, 22) extend at different levels with respect to the ground substantially parallel with respect to each other and rest on the ground by means of common columns (25). One of the advantages of this arrangement is the fact that the overhead cranes (21,22) can pass each other.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.639/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TEMPERABLE ENAMELLED GLASS

(51) International classification :C03C17/00
(31) Priority Document No :1257307
(32) Priority Date :27/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051787
Filing Date :25/07/2013
(87) International Publication No :WO 2014/016518
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAINT GOBAIN GLASS FRANCE
Address of Applicant :18 Avenue dAlsace F 92400 Courbevoie France
(72)**Name of Inventor :**
1)CLABAU Frdric
2)GARNIER Louis
3)RACHET Vincent

(57) Abstract :
The present invention relates to a coloured enamelled glass or glass ceramic substrate which includes an alkaline silicate mineral coating which achieves the desired performance in terms of colour and colour change when tempered and in terms of adhesion and mechanical strength at low temperatures without requiring a high temperature firing step.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5972/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THERAPEUTIC AGENT FOR DIABETES

(51) International classification :A61K31/425,A61P3/10
(31) Priority Document No :2012015351
(32) Priority Date :27/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/051627
Filing Date :25/01/2013
(87) International Publication No :WO 2013/111870
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TEIJIN PHARMA LIMITED
Address of Applicant :2 1 Kasumigaseki 3 chome Chiyoda ku Tokyo 1000013 Japan
2)NATIONAL UNIVERSITY CORPORATION TOTTORI UNIVERSITY
(72)**Name of Inventor :**
1)HISATOME Ichiro
2)TSUJIMOTO Shunsuke
3)SHIRAKURA Takashi
4)HIRAMITSU Shinya

(57) Abstract :
The purpose of the present invention is to provide a novel therapeutic agent or a novel prophylactic agent for diseases associated with abnormal glucose metabolism. The present invention is a therapeutic agent or a prophylactic agent for diseases associated with abnormal glucose metabolism which comprises a 2 phenylthiazole compound represented by formula (I) or a pharmaceutically acceptable salt thereof as an active ingredient.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5973/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING METHYLENE 1 3 DIOXOLANES

(51) International classification :C07D317/12
(31) Priority Document No :12153494.5
(32) Priority Date :01/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/051756
Filing Date :30/01/2013
(87) International Publication No :WO 2013/113738
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :Alfred Nobel Str. 10 40789 Monheim Germany
(72)**Name of Inventor :**
1)PAZENOK Sergii
2)SCHNATTERER Albert

(57) Abstract :
The invention relates to a novel method for producing methylene 1 3 dioxolanes of the general formula (I) in which R und Rhave the meanings specified in the description. Methylene 1 3 dioxolanes are important intermediate products in the production of pyrazoles and anthranilic acid amides which can be used as insecticides.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5974/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LIGHTING APPARATUS

(51) International classification :F21V19/04,F21S8/08
(31) Priority Document No :FI 2012 A 000013
(32) Priority Date :26/01/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2013/000024
Filing Date :25/01/2013
(87) International Publication No :WO 2013/111171
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ENEL SOLE S.R.L.
Address of Applicant :Viale Tor di Quinto 45 47 I 00191 Roma Italy
(72)**Name of Inventor :**
1)GATTARI Massimo

(57) Abstract :
Lighting appliance provided with an outer chassis made in such a way as to permit the operator to comfortably perform in situ a repair or maintenance operation if needed. Said chassis makes it possible to efficiently separate the light emission devices and the reflector and refractor means associated thereto from the power supply means guaranteeing that the section containing the LED devices is such as to ensure the required level of insulation from external elements such as IP55 or more preferably IP67 even after the chassis has been opened and said section has been separated from the rest of the chassis.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.628/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HIGH EFFICIENCY PROCESSES FOR OLEFINS ALKYNES AND HYDROGEN CO PRODUCTION FROM LIGHT HYDROCARBONS SUCH AS METHANE

(51) International classification	:B01J19/10,C07C11/24,C07C11/04
(31) Priority Document No	:61/691369
(32) Priority Date	:21/08/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/054469 :12/08/2013
(87) International Publication No	:WO 2014/031371
(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)UOP LLC
Address of Applicant :25 East Algonquin Road P. O. Box 5017 Des Plaines Illinois 60017 5017 U.S.A.
(72)**Name of Inventor :**
1)NEGIZ Antoine
2)JAMES Robert B.
3)STEVENS Carl J.
4)BARGER Paul T.

(57) Abstract :
High efficiency processes for producing olefins alkynes and hydrogen co production from light hydrocarbons are disclosed. In one version the method includes the steps of combusting hydrogen and oxygen in a combustion zone of a pyrolytic reactor to create a combustion gas stream transitioning a velocity of the combustion gas stream from subsonic to supersonic in an expansion zone of the pyrolytic reactor injecting a light hydrocarbon into the supersonic combustion gas stream to create a mixed stream including the light hydrocarbon transitioning the velocity of the mixed stream from supersonic to subsonic in a reaction zone of the pyrolytic reactor to produce acetylene and catalytically hydrogenating the acetylene in a hydrogenation zone to produce ethylene. In certain embodiments the carbon efficiency is improved using methanation techniques.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015
(21) Application No.644/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GYPSUM COMPOSITES USED IN FIRE RESISTANT BUILDING COMPONENTS

(51) International classification :E06B5/16,E04B1/94,E06B3/70
(31) Priority Document No :13/538828
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/048712
Filing Date :28/06/2013
(87) International Publication No :WO 2014/005091
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DANIELS Evan R.
Address of Applicant :11420 Chaucer Drive Frisco TX 75035 U.S.A.
2)NEWTON Jonathan
(72)**Name of Inventor :**
1)DANIELS Evan R.
2)NEWTON Jonathan

(57) Abstract :
A composite product includes gypsum in an amount of 60 to 90% by weight fibers in an amount of 1.5 to 26% by weight substantially homogeneously distributed through the composite and a rheology modifying agent in an amount of 0.5 to 6% by weight. The composite is caused or allowed to cure to form a cured composite. The cured composite is a fire resistant component used in a fire rated door core a fire rated door or a fire rated building panel. The fire resistant component may include a building panel a door panel a door core a door rail a door stile a door lock block a door border or a door insert.

No. of Pages : 53 No. of Claims : 54

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5961/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GRAFT COPOLYMERS WITH GRAFTED POLYMERIC ARMS THEIR PREPARATION AND USE

(51) International classification	:C08F265/00,C08F265/06,C08F290/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/CN2012/071114 :14/02/2012
(87) International Publication No	:WO 2013/120249
(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)DEUCHEM (SHANGHAI) CHEMICAL CO. LTD.
Address of Applicant :No. 99 Lianyang Road Songjiang Industry Park Shanghai 201613 China
(72)**Name of Inventor :**
1)LIN Hung Yi
2)YANG Li Chun

(57) Abstract :
A graft copolymer composition including: a polymeric backbone derived from a plurality polymerizable ethylenically unsaturated monomers; and a plurality of polymeric arms attached pendant to the polymeric backbone. The polymeric arms include: (a) at least two different polymeric arms comprising: a condensation copolymer arm and a random copolymer arm (b) a polymeric arm having segments of (i) a condensation copolymer segment and (ii) a random copolymer segment wherein said condensation copolymer segment and random copolymer segment are linked to each other; (c) or combinations thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5962/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CAR ACTIVE INGREDIENT GENERATING DEVICE

(51) International classification :B60H3/00,A61L9/03
(31) Priority Document No :2012013706
(32) Priority Date :26/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/051531
Filing Date :25/01/2013
(87) International Publication No :WO 2013/111842
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VALEO SYSTˆMES THERMIQUES
Address of Applicant :8 rue Louis Lormand BP 513 La Verri¨re F 78321 Le Mesnil Saint Denis Cedex France
(72)**Name of Inventor :**
1)HARA Shinichi
2)REN Xing
3)YU Jinpeng
4)MIZUNO Yoshie

(57) Abstract :
The car active ingredient generating device (5) is configured so that: the device is disposed in an area of the instrument panel (1) that faces the interior of the car; a mat shaped member (M) is detachably attached to an attachment part (28b) from an insertion port (7) on the interior side; by heating the mat shaped member (M) which has been attached on the attachment part (28b) and faces the air flow channel (28a) using the radiator plate (17) of a PTC heater device(15) facing the mat shaped member (M) on the side opposite to the air flow channel (28a) to generate the active ingredient the active ingredient is vaporized into the air flowing in the air flow channel (28a); and air comprising the active ingredient is delivered from the air flow channel (28a) into the interior of the car via an expanded portion (7a) of the insertion port (7).

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5963/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DATA ANALYSIS OF DNA SEQUENCES

(51) International classification :G06F19/18
(31) Priority Document No :61/596540
(32) Priority Date :08/02/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/025087
Filing Date :07/02/2013
(87) International Publication No :WO 2013/119770
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 1054 U.S.A.
(72)**Name of Inventor :**
1)SASTRY DENT Lakshmi
2)SRIRAM Shreedharan
3)ELANGO Navin
4)CAO Zehui
5)MUTHURANMAN Karthik Narayan

(57) Abstract :
Systems and methods for data analysis are provided. In one embodiment a method for analysis is provided including electronically receiving sequence data; electronically receiving one or more reference data sequences related to at least an expression vector; associating the sequence data with at least one of the reference data sequences to identify a transgene flanking sequence; searching a genome for one or more insertion sites of the transgene flanking sequence; and annotating the genome and the one or more insertion sites within the genome when one or more insertion sites are found in said searching step.

No. of Pages : 60 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.630/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR AD INSERTION IN OVER THE TOP LIVE MEDIA DELIVERY

(51) International classification :H04N7/173
(31) Priority Document No :61/665373
(32) Priority Date :28/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/048433
Filing Date :28/06/2013
(87) International Publication No :WO 2014/004955
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AZUKI SYSTEMS INC.
Address of Applicant :43 Nagog Park Suite 105 Acton MA 01720 U.S.A.
(72)**Name of Inventor :**
1)MA Kevin J.
2)HICKEY Robert
3)NAIR Raj
4)TWEEDALE Paul
5)BIAGINI Daniel
6)XU Jianguo
7)NAVALI Prabhudev

(57) Abstract :
A method is provided for performing targeted ad insertion in over the top delivery of content by detecting ad replacement opportunities in a live content stream and preparing the content for seamless replacement with segmented HTTP adaptive streaming delivery. The method includes provisions for multi stage proxy based segment replacement for targeted ad delivery. The method provided works transparently with standard HTTP adaptive streaming clients. A system is also specified for implementing a client and server content delivery infrastructure in accordance with the provisions of the method.

No. of Pages : 48 No. of Claims : 57

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

(21) Application No.6471/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PREPARATION OF OCTAHYDROCYCLOPENTA[C]PYRROLE

(51) International classification :C07D209/52
(31) Priority Document No :12150350.2
(32) Priority Date :06/01/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/050029
Filing Date :03/01/2013
(87) International Publication No :WO 2013/102634
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LONZA LTD
Address of Applicant :Lonzastrasse CH 3930 Visp Switzerland
(72)**Name of Inventor :**
1)ZARAGOZA DOERWALD Florencio

(57) Abstract :
The invention discloses a method for the preparation of octahydrocyclopenta[c]pyrrole, also called 3- azabicyclo[3.3.0]octane, by hydrogenation of 1,2-dicyanocyclo-l-pentene.

No. of Pages : 18 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.523/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : 1,3- SPECIFIC INTRAESTERIFICATION

(51) International classification :A23D7/00,C11C3/10
(31) Priority Document No :PCT/EP2012/064547
(32) Priority Date :24/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065419
Filing Date :22/07/2013
(87) International Publication No :WO 2014/016250
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ADVANTA INTERNATIONAL BV
Address of Applicant :Strawinkylaan 1143 Tower C 11 NL 1077 XX Amsterdam Netherlands
(72)**Name of Inventor :**
1)PAN Lucas Guillermo
2)DUBINSKY Eduardo Pedro
3)GRONDONA Martin Oscar
4)ZAMBELLI Andrs Daniel
5)LEON Alberto Javier

(57) Abstract :
The present invention relates to a method for increasing the SUS content in an oil or in an olein fraction comprising performing 1,3 selective enzymatic intraesterification on a natural starting oil or olein fraction prepared therefrom wherein the ratio between SUS and SUU is at least 1:1.5 and the SSS content is low in particular close to 0%. Further the present invention relates to 1,3 Selective intraesterified oil or olein obtainable by performing the present method.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.553/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTERLOCKING BLOCKS AND TILES FOR BUILDINGS

(51) International classification :E04B1/61
(31) Priority Document No :601260
(32) Priority Date :16/07/2012
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2013/000127
Filing Date :16/07/2013
(87) International Publication No :WO 2014/014366
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BREE Charles Caulder
Address of Applicant :1 Koheroa Road Mercer 2474 New Zealand
(72)**Name of Inventor :**
1)BREE Charles Caulder

(57) Abstract :
A set of prefabricated interlocking plastics components for construction of a building of any shape is described. The components are preferably rotationally moulded or extruded as regular shapes (rectangles triangles or hexagons) from thermoplastics materials. Moulding allows each component to be comprised of more than one region or layer of material or to include a void. The building can be carried to a site as individual or aggregated components as dictated by the transport facilities available then erected at the site. Disassembly is facilitated if non adhesive fasteners are used to secure the tongue and groove joints.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.569/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SAFENED HERBICIDAL COMPOSITIONS FOR USE IN RICE

(51) International classification :A01N43/40
(31) Priority Document No :61/674993
(32) Priority Date :24/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051018
Filing Date :18/07/2013
(87) International Publication No :WO 2014/018358
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DOW AGROSCIENCES LLC
Address of Applicant :9330 Zionsville Road Indianapolis IN 46268 U.S.A.
(72)**Name of Inventor :**
1)YERKES Carla N.
2)MANN Richard K.

(57) Abstract :
SAFENED HERBICIDAL COMPOSITION FOR USE IN RICE COMPRISING A HERBICIDALLY EFFECTIVE AMOUNT OF (A) A COMPOUND OF FOR O MULA (I): 4-AMMO-3-CUORO-5-FLURO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID OR AN AGRICULTURALLY ACCEPT ABLE SALT OR ESTER THEREOF AND (B) A SAFENER OR A COMPATIBLE HERBICIDE CAPABLE OF SAFENING SUCH AS A CHEMICAL FROM THE QUINOLINYLOXY - ACETATE FAMILY OF CHEMICALS (INCLUDING BUT NOT LIMITED TO DERIVATIVES OF CLOQUINTOCET, SUCH AS CLOQUINTOCET MEXYL), DAIMURON, DICHLOR - MID, DICYCLONON, DIMEPIPERATE, FENCLORIM, FURILAZOLE, ISOXADIFEN-ETHYL, MEFENPYR-DIETHYL, NAPHTHALIC ANHYDRIDE (NA), OR AGRICULTUR ALLY ACCEPTABLE SALTS, ESTERS, OR MIXTURES THEREOF, FOR USE IN DIRECT-SEEDED, WATER-SEEDED OR TRANSPLANTED RICE.

No. of Pages : 44 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2015

(21) Application No.635/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF ALKENONES

(51) International classification :C07C45/45,C07C45/65,C07C45/78
(31) Priority Document No :12181334.9
(32) Priority Date :22/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067344
Filing Date :20/08/2013
(87) International Publication No :WO 2014/029786
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOLVAY SA
Address of Applicant :Rue de Ransbeek 310 B 1120 Bruxelles Belgium
(72)**Name of Inventor :**
1)BRAUN Max Josef
2)PALSHERM Stefan

(57) Abstract :
A process for the manufacture of an alkenone comprising the steps of: (a) providing a halogenated precursor of the alkenone and (b) subjecting at least a fraction of the halogenated precursor of step (a) to a thermolysis reaction to form a reaction mixture comprising the alkenone and a hydrogen halide wherein the hydrogen halide is removed from the reaction mixture by cyclonic separation is described.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.654/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WOUND CLOSURE DEVICE

(51) International classification :A61F13/00
(31) Priority Document No :61/664463
(32) Priority Date :26/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/048005
Filing Date :26/06/2013
(87) International Publication No :WO 2014/004740
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WEISER Leslie P.
Address of Applicant :45 Oakland Street Wellesley MA 02481 U.S.A.
(72)**Name of Inventor :**
1)WEISER Leslie P.

(57) Abstract :
A wound closure device including a flexible base strip having its bottom surface coated with an adhesive material suitable for adherence to skin and constructed with bridging links spaced along the inner edge of the base strip and extending outwardly therefrom. The inner edge of the base strip is intended to be aligned adjacent to a lip of the wound being treated. Each of the bridging links has an adhesive coated section displaced from the inner edge. In the packaged or stored position prior to engagement the bridging links are folded over the upper surface of the adhesive strip about a hinge that is at the joint of the bridging link to the base strip. The hinge includes a partially flexible material to enable stabilizing the bridging link in an angular position. In addition a method is provided for use of the wound closure device.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5949/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CARBON DIOXIDE SEQUESTRATION INVOLVING TWO SALT BASED THERMOLYTIC PROCESSES

(51) International classification :B01D53/62,C01B31/24,C01F11/18
(31) Priority Document No :61/585597
(32) Priority Date :11/01/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/021264
Filing Date :11/01/2013
(87) International Publication No :WO 2013/106730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SKYONIC CORPORATION
Address of Applicant :900 S. Capital of Texas Hwy Suite 475 Austin TX 78746 U.S.A.
(72)**Name of Inventor :**
1)JONES Joe David
2)YABLONSKY Al

(57) Abstract :
The present invention relates to an energy efficient carbon dioxide sequestration processes whereby calcium silicate minerals and CO2 are converted into limestone and sand using a two salt thermolytic process that allows for the cycling of heat and chemicals from one step to another. In one embodiment MgCI2 is reacted with water under conditions to form Mg(OH)2; and the Mg(OH)2 product is furthe reacted with CaCI2 and carbon dioxide to form MgCI2, CaCO3 and water.

No. of Pages : 206 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.626/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APPARATUS FOR COMPACT SPINNING FOR A SPINNING MACHINE AND SPINNING MACHINE

(51) International classification :D01H5/72
(31) Priority Document No :10 2012 107 892.0
(32) Priority Date :28/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/066547
Filing Date :07/08/2013
(87) International Publication No :WO 2014/032927
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MASCHINENFABRIK RIETER AG
Address of Applicant :Klosterstr. 20 CH 8406 Winterthur Switzerland
(72)**Name of Inventor :**
1)STAHLECKER Gerd

(57) Abstract :
An apparatus for compact spinning contains a drafting unit (2) having a plurality of pairs of rollers (4,5,6) arranged in succession and a pneumatic compacting apparatus (3) following a pair of delivery rollers (6) of the drafting unit (2) having a compacting zone (7). The compacting apparatus (3) has an air permeable driven conveyor belt (8) which conveys a sliver (9) through the compacting zone (7) a suction duct (12) which is connected to a negative pressure source and has a sliding surface for the conveyor belt (8) and a suction slot (10) facing the compacting zone (7) and a drive cylinder (11) which follows the pair of delivery rollers (6) of the drafting unit (2) and drives the conveyor belt (8). The suction duct (12) is assigned to the drive cylinder (11) as a stationary upper cylinder and the suction duct (12) is loaded directly by a loading device (15) assigned thereto and is positioned in the compacting zone (7) wherein the conveyor belt (8) is guided in a tensionable manner by means of a tensioning device (18) only around the suction duct (12). The drive cylinder (11) comes into direct contact with the conveyor belt (8) and is provided with a friction belt (22) that is guided in a tensionable manner by means of a belt tensioning device (23) or drives the conveyor belt over an intermediate roller. A corresponding spinning machine (1) has a drafting unit (2) having a plurality of pairs of rollers (4,5,6) arranged in succession and a pneumatic compacting apparatus (3) following a pair of delivery rollers (6) of the drafting unit (2) having a compacting zone (7). A spinning unit (27) of the spinning machine (1) is arranged on the spinning machine (1) in a manner immediately following the compacting apparatus (3).

No. of Pages : 29 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.642/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CORRUGATED PALLET

(51) International classification :B65D19/00,B65D19/04
(31) Priority Document No :61/664827
(32) Priority Date :27/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/000137
Filing Date :20/05/2013
(87) International Publication No :WO 2014/003823
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OLVEY Douglas A.
Address of Applicant :1300 Suzanne Way Longwood FL 32779 U.S.A.
2)SKETO James L.
3)GUMBERT Sean G.
4)DANKO Joseph J.
5)GABRYS Christopher W.
(72)**Name of Inventor :**
1)OLVEY Douglas A.
2)SKETO James L.
3)GUMBERT Sean G.
4)DANKO Joseph J.
5)GABRYS Christopher W.

(57) Abstract :
A corrugated paperboard pallet is produced from two flat blanks which comprise a pallet top and a pallet bottom. The two blanks are each folded to produce only two parallel vertically extending double thickness ribs three horizontal panels two vertical side walls and two horizontal flaps. The ribs of the pallet top and pallet bottom lock each other from opening in the center of the pallet by intersecting perpendicularly with notches in the ribs. The horizontal flaps lock the ribs from opening at the edges of the pallet by intersecting perpendicularly with notches and the vertical sidewalls include vertical flaps that open inward defining fork passages whereby the vertical flaps lock said horizontal flaps from opening.

No. of Pages : 32 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.660/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF C FMS KINASE INHIBITORS

(51) International classification :C07D405/14,C07D309/30,A61K31/4439
(31) Priority Document No :61/680446
(32) Priority Date :07/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/053602
Filing Date :05/08/2013
(87) International Publication No :WO 2014/025679
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JANSSEN PHARMACEUTICA NV
Address of Applicant :Turnhoutseweg 30 B 2340 Beerse Belgium
2)TELEHA Christopher A.
(72)**Name of Inventor :**
1)TELEHA Christopher A.
2)KOLODZIEJCZYK Krysztof
3)STAPPERS Alfred Elisabeth
4)WEERTS Koen Johan Herman

(57) Abstract :
The present invention is directed to a process for the preparation of heterocyclic derivatives of formula I (I), wherein o J, X, Z,W and R2 are as defined herein using a palladium catalysed aminocarbonylation reaction. Such compounds are useful as pro - tein tyrosine kinase inhibitors, more particularly inhibitors of c-fms kinase.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.600/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SPOT WELDING METHOD FOR HIGH STRENGTH STEEL SHEET EXCELLENT IN JOINT STRENGTH

(51) International classification :B23K11/16,B23K11/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/074355
Filing Date :24/09/2012
(87) International Publication No :WO 2014/045431
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)FURUSAKO Seiji
2)OIKAWA Hatsuhiko
3)MIYAZAKI Yasunobu

(57) Abstract :
When two high strength steel sheets (1A,1B) having a sheet thickness ratio of 2 to 5 inclusive and both having a tension strength of 780 MPa to 1850 MPa inclusive are overlapped with each other and resistance spot welding is performed a first energizing process that is a preliminary energization with an applied pressure of P1 kN and a welding current of I1 kA and a second energizing process that is a main energization with an applied pressure of P2 kN and a welding current of I2 kA are performed wherein the sheet thickness ratio is defined as the ratio of the total steel sheet thickness to the thickness of a steel sheet on the thinner side (the thickness per sheet if the two steel sheets (1A 1B) have the same thickness). The applied pressures P1 and P2 are set to a constant applied pressure of P = P1 = P2 through the first energizing process and the second energizing process. In addition when an average sheet thickness of the steel sheets (1A,1B) is assumed to be t mm the applied pressure P is set in the range expressed by the formula {0.5 = P = 3.0t}. The welding current I1 is set in the range of 30% to 90% inclusive of the welding current I2. The second energizing process is initiated within 0.1 s after the completion of the first energizing process.

No. of Pages : 87 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.631/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CUTTER FOR DOZING BLADE SERVICE PACKAGE AND METHOD

(51) International classification :E02F3/80,E02F9/28
(31) Priority Document No :13/570814
(32) Priority Date :09/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/054131
Filing Date :08/08/2013
(87) International Publication No :WO 2014/025996
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CATERPILLAR INC.
Address of Applicant :100 N.E. Adams Street Peoria IL 61629 9510 U.S.A.
(72)**Name of Inventor :**
1)CONGDON Thomas M.
2)BIGGS Nick W.
3)MARTIN Kevin L.

(57) Abstract :
A cutter (30) for a dozing blade (12) includes a middle first and second section (44,46,48) each defining a plurality of bolting holes (62) for receiving bolts (64) to mount the cutter (30) in a service configuration upon a dozing blade (12). The first and second sections (46,48) each define a greater face angle between digging and mounting faces (68,70,72) which is about 20° or less and the middle section (44) defines a lesser face angle between digging and mounting faces (68,70,72). The cutter (30) may be provided in a service package (298) for installation in place of a used cutter in a dozing blade (12).

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.649/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POWER SUPPLY APPARATUS POWER SUPPLY METHOD AND PROGRAM

(51) International classification :H02J7/34,B66C13/12
(31) Priority Document No :2012224249
(32) Priority Date :09/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/073117
Filing Date :29/08/2013
(87) International Publication No :WO 2014/057739
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan
2)MITSUBISHI HEAVY INDUSTRIES MACHINERY TECHNOLOGY CORPORATION
(72)**Name of Inventor :**
1)OZAKI Kazuki
2)MORITA Katsuaki
3)TOYOHARA Takashi
4)YOSHIOKA Nobuo
5)FURUKAWA Yuki

(57) Abstract :
This power supply apparatus that supplies power to an electric load is provided with: a power conversion apparatus which converts alternating current power to direct current power at a first target voltage value said alternating current power having been supplied from a power supply and which supplies the direct current power to the electric load; a chargeable/dischargeable electric storage apparatus connected to the power conversion apparatus said electric storage apparatus being connected parallel to the electric load; a charge/discharge control apparatus that controls charging and discharging such that the voltage value of the electric storage apparatus is at a second target voltage value; and a target voltage value setting section which compares the charge rate of the electric storage apparatus with a threshold value and which increases/reduces the first target voltage value and/or the second target voltage value corresponding to comparison results.

No. of Pages : 40 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2014

(21) Application No.6659/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PRIZE WHEEL WITH GESTURE BASED CONTROL

(51) International classification :G07C15/00,A63F5/04,G06F3/01
(31) Priority Document No :12450004.2
(32) Priority Date :23/01/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/050871
Filing Date :17/01/2013
(87) International Publication No :WO 2013/110544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVOMATIC AG
Address of Applicant :Wiener Strasse 158 A 2352 Gumpoldskirchen Austria
(72)**Name of Inventor :**
1)KAIBLINGER Harald
2)SCHR–TTER Florian

(57) Abstract :
The invention relates to a method and an arrangement for the Operation of a prize wheel (3) by a user (I) . According to the invention, the position of the center of gravity (11) and the position of a hand (12) of the user (1) are ascertained using a camera (2); a height threshold (13) is fixed at a specified value in relation to the center of gravity (I I); if the position of the hand (12) exceeds the height threshold (13), a rotation phase is started, the position of the hand (12) being continuously ascertained during said rotation phase; the rotation which is carried out by the movement of the hand of the user (1) is continuously ascertained, and a rotational angle (w) is ascertained; the angular speed (w), i.e. the rate of change over time of the ascertained angle (0), is continuously determined; the rotation phase is ended, and an angular speed (w) which is continuously ascertained, preferably immediately prior to the end of the rotation phase, is fixed as the initial rotational speed (ωe) ; and a free rotation phase is started after the end of the rotation phase. The prize wheel (3) is further rotated at the initial rotational speed (roe) as the initial speed, and the prize wheel (3) is continuously braked and comes to rest upon a specified end position, said end position being kept available.

No. of Pages : 31 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/01/2015

(21) Application No.478/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MONOLITHIC INTEGRATED CIRCUIT CHIP INTEGRATING MULTIPLE DEVICES

(51) International classification	:H01L21/8258,H01L27/06,H01L27/085
(31) Priority Document No	:13/558255
(32) Priority Date	:25/07/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/042760 :24/05/2013
(87) International Publication No	:WO 2014/018156
(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)RAYTHEON COMPANY
Address of Applicant :870 Winter Street Waltham MA 02451 1449 U.S.A.
(72)**Name of Inventor :**
1)SAUNDERS Jeffrey H.

(57) Abstract :
A monolithic integrated circuit (IC) chip containing a plurality of transistors including: a substrate; a first transistor on the substrate; and a second transistor integrally formed on the substrate with the first transistor the second transistor having a different structure than the first transistor wherein the first transistor includes a first material system and the second transistor includes a second material system different from the first material system. The monolithic IC chip may further include a third transistor integrally formed on the substrate with the first and second transistors. The first transistor may include gallium nitride (GaN) and the second and third transistors may include silicon carbide (SiC).

No. of Pages : 18 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.585/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION FOR TREATMENT OF THE PULMONARY FORM OF ALTITUDE SICKNESS CAUSED BY LACK OF OXYGEN AND REDUCED AIR PRESSURE

(51) International classification :A61K38/19,A61P11/00
(31) Priority Document No :12173983.3
(32) Priority Date :28/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/062777
Filing Date :19/06/2013
(87) International Publication No :WO 2014/001177
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APEPTICO FORSCHUNG UND ENTWICKLUNG GMBH
Address of Applicant :Mariahilferstrae 136 A 1150 Wien Austria
(72)**Name of Inventor :**
1)FISCHER Bernhard
2)LUCAS Rudolf
3)FISCHER Hendrik

(57) Abstract :
What is described is a peptide which consists of 7-20, especially 7-17, adjacent amino acids and comprises the - hexamer TX 1EX 2X3E where Xi, X 2 and X3 may be any natural or unnatural amino acid, where the peptide does not have any TNF receptor binding activity and is cyclized, for use for the treatment and avoidance of the pulmonary form of altitude sickness.

No. of Pages : 59 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2015

(21) Application No.633/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM MODULE AND VALVE FOR DOMESTIC HOT WATER HEATERS

(51) International classification	:F24D19/10,F16K11/02,F16K31/122
(31) Priority Document No	:12509022
(32) Priority Date	:30/07/2012
(33) Name of priority country	:Sweden
(86) International Application No Filing Date	:PCT/SE2013/000121 :30/07/2013
(87) International Publication No	:WO 2014/027936
(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)BERNARDO Luis Ricardo Pantoja Coutinho
Address of Applicant :Rrsjgatan 15 Lgh 1402 S 211 37 Malm Sweden
2)DAVIDSSON Henrik Andreas
3)LARSSON Stefan
(72)**Name of Inventor :**
1)BERNARDO Luis Ricardo Pantoja Coutinho
2)DAVIDSSON Henrik Andreas
3)LARSSON Stefan

(57) Abstract :
A system comprising a water tank a heat source which is external of the water tank a first conduit and a second conduit and further conduits for connection of the water tank with a user. In a discharge mode of operation water flows through the first conduit to a user only from the upper portion of the tank. Return water flows through the heat source and further to the second conduit and into the lower portion of the tank. In a charge mode of operation of the system no water flows to the user and no return water is introduced in the system. A pump is operated to remove colder water from the lower portion of the tank via the second conduit and pass the water to the heat source and back to the upper portion of the tank via the first conduit. The system further comprises a five port valve for switching the operation from charging and discharging and vice versa based on a water flow into or out of the system.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.650/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A COMPOSITION

(51) International classification :C08G18/30,C08G18/32,C08G18/48
(31) Priority Document No :61/683957
(32) Priority Date :16/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/064519
Filing Date :10/07/2013
(87) International Publication No :WO 2014/026802
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HUNTSMAN PETROCHEMICAL LLC
Address of Applicant :10003 Woodloch Forest Drive The Woodlands Texas 77380 U.S.A.
(72)**Name of Inventor :**
1)DRIES Geert Lodewijk
2)GRIGSBY Robert Allison Jr.
3)RISTER Ernest Lee Jr.
4)WILTZ Eugene P. Jr.

(57) Abstract :
An isocyanate reactive composition comprising: at least one component selected from the group consisting of a polyether polyol a polyester polyol a polyether polyamide and a polyester polyamide; one or more amine components each of said amine components having a given structure. In some embodiments the average number of nitrogen atoms of said amine components is in the range of 5 to 10.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.667/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ACTUATION DEVICE FOR BRAKES AND/OR CLUTCHES IN PARTICULAR FOR MOTORCYCLES

(51) International classification :B62L3/02,B60T7/10
(31) Priority Document No :PD2012A000235
(32) Priority Date :31/07/2012
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2013/056140
Filing Date :26/07/2013
(87) International Publication No :WO 2014/020508
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FRENI BREMBO S.P.A.
Address of Applicant :Via Brembo 25 I 24035 Curno Bergamo Italy
(72)**Name of Inventor :**
1)ESPOSITO Alessandro
2)LAVEZZI Roberto
3)REOLON Mauro
4)IELASI Mauro

(57) Abstract :
Actuation device (4) for brakes and/or clutches in particular for motor cycles provided with a device body (8) an attachment portion (16) for the attachment of the device (4) to the handlebar of an associable motor cycle a support and guide portion (20) of an actuation element (24) of the pump (14). The attachment portion (16) comprises at least one attachment bracket (36) suitable for partially receiving the portion of handlebar used for the attachment of the actuation device (4) and the attachment portion (16) comprises a locking bracket (44) attached to the attachment bracket (36) on the side opposite the associable handlebar so as to identify a seat suitable for locking a portion of handlebar in the middle. Advantageously the device body (8) is in polymer material and the locking bracket (44) is at least partially in metal and extends in a single piece from a first to a second end (48 52) wherein the first end (48) is facing the attachment portion (16) and the second end (52) is facing the support and guide portion (20).

No. of Pages : 30 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.573/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL UHMWPE FIBER AND METHOD TO PRODUCE

(51) International classification :D06M10/02,D06M10/00
(31) Priority Document No :61/676409
(32) Priority Date :27/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050590
Filing Date :16/07/2013
(87) International Publication No :WO 2014/058497
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONEYWELL INTERNATIONAL INC.
Address of Applicant :Patent Services M/S AB/2B 101 Columbia Road P. O. Box 2245 Morristown New Jersey 07962 2245 U.S.A.
(72)**Name of Inventor :**
1)KLEIN Ralf
2)ARDIFF Henry Gerard
3)YOUNG John Armstrong
4)TAM Thomas

(57) Abstract :
Processes for preparing ultra high molecular weight polyethylene yarns and the yarns and articles produced therefrom. The surfaces of partially oriented yarns are subjected to a treatment that enhances the surface energy at the fiber surfaces and are coated with a protective coating immediately after the treatment to increase the shelf life of the treatment. The coated treated yarns are then post drawn to form highly oriented yarns.

No. of Pages : 51 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.605/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FUEL CELL COMPONENT

(51) International classification :H01M8/02,H01M8/24,H01M8/10
(31) Priority Document No :61/694820
(32) Priority Date :30/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2013/067877
Filing Date :29/08/2013
(87) International Publication No :WO 2014/033203
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOLVAY SPECIALTY POLYMERS USA LLC
Address of Applicant :4500 McGinnis Ferry Road Alpharetta Georgia 30005 3914 U.S.A.
(72)**Name of Inventor :**
1)WARKOSKI Gregory J.
2)BALENO Brian
3)NORFOLK Linda M.

(57) Abstract :
A fuel cell component preferably an endplate comprising a polymer composition (C) comprising: at least one polyamide polymer [polyamide (A)] comprising recurring units derived from the polycondensation of at least one phthalic acid and hexamethylenediamine and less than 10% moles of recurring units derived from the polycondensation of adipic acid and hexamethylenediamine at least one reinforcing filler [filler (F)] and at least one impact modifier [impact modifier (IM)]. The fuel cell component may be manufactured by conventional molding techniques.

No. of Pages : 18 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2015
(21) Application No.637/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FORMULATIONS AND METHODS OF MANUFACTURING FORMULATIONS FOR USE IN COLONIC EVACUATION

(51) International classification :A61K9/26
(31) Priority Document No :61/676608
(32) Priority Date :27/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/001640
Filing Date :26/07/2013
(87) International Publication No :WO 2014/016671
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)REDHILL BIOPHARMA LTD.
Address of Applicant :21 Haarbaa Street Tel Aviv 64739 Israel
(72)**Name of Inventor :**
1)FATHI Reza
2)MCLEAN Patrick Laughlin

(57) Abstract :
Formulations and methods of manufacturing formulations for use in colonic evacuation are disclosed herein in an embodiment a solid dosage formulation includes an intra granular fraction intermingled with an extra granular fraction wherein the intra granular fraction includes granules comprising at least one osmotic evacuant agent at least one antacid and a first pharmaceutically acceptable excipient component and wherein the extra granular fraction includes one or more organic acids a non metallic lubricating element and a second pharmaceutically acceptable excipient component.

No. of Pages : 29 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2014
(21) Application No.6545/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DROP PLACEMENT ERROR REDUCTION IN ELECTROSTATIC PRINTER

(51) International classification :B41J2/115,B41J2/09
(31) Priority Document No :13/424436
(32) Priority Date :20/03/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/032881
Filing Date :19/03/2013
(87) International Publication No :WO 2013/142451
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EASTMAN KODAK COMPANY
Address of Applicant :343 State Street Rochester NY 14650 2201 U.S.A.
(72)**Name of Inventor :**
1)MARCUS Michael Alan
2)PANCHAWAGH Hrishikesh V.
3)ADIGA Shashishekar P.

(57) Abstract :
Drop formation devices are provided with a sequence of drop formation waveforms to modulate the liquid jets to selectively cause portions of the liquid jets to break off into print drops having a print drop volume Vp and non- print drops having a non-print drop volume Vžp . The print and non-print drop volumes are distinct from each other. A timing delay device shifts the timing of drop formation waveforms supplied to drop formation devices of first and second nozzle groups so that print drops from the first and second nozzle groups are not aligned relative to each other. A charging device includes a charge electrode that is positioned in the vicinity of break off of liquid jets to produce a print drop charge state on drops of volume Vp and to produce a non-print drop charge state on drops of volume Vžp .

No. of Pages : 69 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.670/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR OBTAINING OPTICAL INTERFERENCE EFFECTS BY MEANS OF DIGITAL INK JET TECHNIQUE

(51) International classification :C04B41/89,C03C17/34,C23D5/02
(31) Priority Document No :12382258.7
(32) Priority Date :28/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/063245
Filing Date :25/06/2013
(87) International Publication No :WO 2014/001315
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COLOROBBIA ESPA'A S.A.
Address of Applicant :Carretera CV 160 Km. 16™3 E 12192 Vilafams Castell³n Spain
(72)**Name of Inventor :**
1)JUNCOSA GASC Elena
2)NEBOT APARICI Antonio
3)PEIR BENAZET David
4)SERENI Sergio

(57) Abstract :
The present invention relates to a method for obtaining optical interference effects on enamelled or non enamelled ceramic or glass surfaces or enamelled metallic surfaces by means of the digital ink jet technique. Said method involves applying ink jet effect inks with a high refraction index on a laminar interphase with a sub micrometric particle size with a low refraction index. The invention additionally comprises a ceramic glass or metallic product decorated by means of said method.

No. of Pages : 18 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.522/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING HYBRID CARBON BLACK PARTICLES

(51) International classification :C09C1/48,C09C1/50,C09C1/60
(31) Priority Document No :10 2012 105 796.6
(32) Priority Date :29/06/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/063704
Filing Date :28/06/2013
(87) International Publication No :WO 2014/001539
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PYROLYX AG
Address of Applicant :Nymphenburger Str. 70 80335 M¼nchen Germany
(72)**Name of Inventor :**
1)RAEDER Nils
2)MERZ Holger
3)DLGER Fikret

(57) Abstract :
The invention relates to a process for producing hybrid carbon black particles (12) which comprises the steps: a) production of first carbon black starting particles (16); b) production of second carbon black starting particles (22); c) milling of the second carbon black starting particles (22); d) mixing of the second carbon black starting particles (22) into a particle stream (48) of the first carbon black starting particles (16); and d) pelletization of the first and second carbon black starting particles (16 22) to form hybrid carbon black particles (12). The invention further relates to an apparatus (10) for producing hybrid carbon black particles (12) and to hybrid carbon black particles (12) produced by means of the process or the apparatus (10).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.537/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COPPER ALLOY TROLLEY WIRE AND METHOD FOR MANUFACTURING COPPER ALLOY TROLLEY WIRE

(51) International classification :C22C9/02,C22C9/00,C22C9/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/069493
Filing Date :31/07/2012
(87) International Publication No :WO 2014/020707
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI CABLE INDUSTRIES LTD.
Address of Applicant :4 1 Marunouchi 3 chome Chiyoda ku Tokyo 1008303 Japan
2)MITSUBISHI MATERIALS CORPORATION
(72)**Name of Inventor :**
1)ASHIDA Tetsuya
2)HASHIMOTO Kouji
3)NAKAMOTO Hitoshi
4)ISHIDA Norikazu

(57) Abstract :
This copper alloy trolley wire contains by mass 0.12% to 0.40% of Co 0.040% to 0.16% of P and 0.005% to 0.70% of Sn with the remainder made up by Cu and unavoidable impurities. The average particle diameter is equal to or greater than 10 nm. The number of precipitates having a particle diameter equal to or greater than 5 nm is no less than 90% of all observed precipitates. Where (TS) represents the initial tensile strength and (TS) represents the tensile strength after being maintained at 400°C for 2 hours the heat resistance (HR) defined by HR = TS/TS — 100 is no less than 90%.

No. of Pages : 31 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.555/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DESULFURIZATION DEVICE AND SOOT REMOVAL SYSTEM

(51) International classification :B01D53/50,B01D50/00,B01D53/77
(31) Priority Document No :13/608097
(32) Priority Date :10/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/JP2013/071683
Filing Date :09/08/2013
(87) International Publication No :WO 2014/038354
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HITACHI POWER SYSTEMS LTD.
Address of Applicant :3 1 Minatomirai 3 Chome Nishi ku Yokohama shi Kanagawa 2208401 Japan
(72)**Name of Inventor :**
1)HASHIMOTO Jun
2)SUGITA Satoru
3)INABA Norikazu
4)HONJO Shintaro
5)NAGAYASU Tatsuto
6)OKAMOTO Takuya

(57) Abstract :
A desulfurization device is provided with: a desulfurization unit (3) which removes sulfur oxide by bringing exhaust gas containing sulfur oxide into gas liquid contact with an absorbing liquid; folded plate shaped demisters (4) which are disposed above the desulfurization unit (3) and which remove the mist generated by means of the desulfurization unit (3); a filling unit (5) which is disposed above the folded plate shaped demisters (4) has the same cross sectional area as the desulfurization unit (3) and the folded plate shaped demisters (4) and removes the mist that was not removed by means of the folded plate shaped demisters (4); and a water washing unit (6) for spraying water on the filling unit (5). As a consequence the mist contained in the exhaust gas is easily and reliably reduced.

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.672/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELECTROCHEMICAL ENERGY STORAGE SYSTEMS AND METHODS FEATURING LARGE NEGATIVE HALF CELL POTENTIALS

(51) International classification :H01M4/13,H01M8/00
(31) Priority Document No :61/676473
(32) Priority Date :27/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051790
Filing Date :24/07/2013
(87) International Publication No :WO 2014/018605
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LOCKHEED MARTIN ADVANCED ENERGY STORAGE LLC
Address of Applicant :6801 Rockledge Road Bethesda Maryland 20817 U.S.A.
(72)**Name of Inventor :**
1)AMADEO Desiree
2)ESSWEIN Arthur J
3)GOELTZ John
4)JARVI Thomas D.
5)KING Evan R.
6)REECE Steven Y.
7)TYAGI Nitin

(57) Abstract :
The invention concerns flow batteries comprising: a first half cell comprising: (i) a first aqueous electrolyte comprising a first redox active material; and a first carbon electrode in contact with the first aqueous electrolyte; (ii) a second half cell comprising: a second aqueous electrolyte comprising a second redox active material; and a second carbon electrode in contact with the second aqueous electrolyte; and (iii) a separator disposed between the first half cell and the second half cell; the first half cell having a half cell potential equal to or more negative than about 0.3 V with respect to a reversible hydrogen electrode; and the first aqueous electrolyte having a pH in a range of from about 8 to about 13 wherein the flow battery is capable of operating or is operating at a current density at least about 25 mA/cm.

No. of Pages : 64 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.607/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NEUROSURGICAL APPARATUS AND METHODS

(51) International classification :A61B17/34,A61M25/00
(31) Priority Document No :1213170.2
(32) Priority Date :24/07/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/051973
Filing Date :24/07/2013
(87) International Publication No :WO 2014/016591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RENISHAW PLC
Address of Applicant :New Mills Gloucestershire Wotton under Edge Gloucestershire GL12 8JR U.K.
(72)**Name of Inventor :**
1)GILL Steven Streatfield
2)WOOLLEY Maxwell Roy
3)GILL Thomas

(57) Abstract :
This invention concerns a neurosurgical kit comprising a catheter (1) and a guide tube (2). The catheter (1) comprises a distal section of tubing (11) having a distal end with a port or ports for delivering fluid to a target site within the brain. The distal section of tubing (11) has an outer diameter that is smaller than an internal diameter of the guide tube (2). The catheter (1) and guide tube (2) are arranged such that when the catheter (1) is inserted into the guide tube (2) to locate the port or ports at the target site a recess (14) is provided in a distal end section of the guide tube (2) between the guide tube (2) and the distal section of tubing (11) of the catheter (1).

No. of Pages : 43 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2014

(21) Application No.6585/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POLYETHYLENE BASED RESIN COMPOSITION FOR CONTAINER LID AND CONTAINER LID

(51) International classification :C08L23/04,B65D41/34,C08K5/3435
(31) Priority Document No :2012023581
(32) Priority Date :07/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/052682
Filing Date :06/02/2013
(87) International Publication No :WO 2013/118749
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JAPAN POLYETHYLENE CORPORATION
Address of Applicant :1 1 Marunouchi 1 chome Chiyoda ku Tokyo 1008251 Japan
(72)**Name of Inventor :**
1)TSUTIMOTO Daisuke
2)YAMAMOTO Hiroya
3)IBAYASHI Kunihiko
4)YOSHIMOTO Keiichi

(57) Abstract :
The present invention provides a polyethylene based resin composition for a container lid and a container lid and the resin composition exhibits excellent moldability high fluidity excellent balance between rigidity and impact resistance and excellent resistance to stress cracking slidability low odor and food safety properties resistant to stretching at high temperatures and electron beam sterilizability when a lid is attached to a container. The present invention is a polyethylene based resin composition for a container lid that contains 0.01-0.50 parts by weight of a hindered amine based compound relative to 100 parts by weight of a polyethylene based resin and is characterized by having the following properties (a) to (f). (a) The melt flow rate (MFR) is 0.5-10 g/10 min the melt flow rate (HLMFR) is 100-500 g/10 min and the HLMFR/MFR ratio is 50-200. (b) The density is 0.956-0.980 g/cm. (c) The flexural modulus of elasticity of an injection molded sample is 990-2000 MPa. (d) The constant strain ESCR of an injection molded sample is 10-400 hours. (e) The tensile elongation at breaking is 190% or lower. (f) The melt viscosity is 470 Pas or lower.

No. of Pages : 55 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.676/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : OPTIMAL MEMBRANE ELECTROCHEMICAL ENERGY STORAGE SYSTEMS

(51) International classification	:H01M8/00,H01M4/13
(31) Priority Document No	:61/676473
(32) Priority Date	:27/07/2012
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/US2013/051802 :24/07/2013
(87) International Publication No	:WO 2014/018615
(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)LOCKHEED MARTIN ADVANCED ENERGY STORAGE LLC
Address of Applicant :6801 Rockledge Road Bethesda Maryland 20817 U.S.A.
(72)**Name of Inventor :**
1)AMADEO Desiree
2)ESSWEIN Arthur J.
3)GOELTZ John
4)JARVI Thomas D.
5)KING Evan R.
6)MADDEN Thomas H.
7)REECE Steven Y.
8)TYAGI Nitin

(57) Abstract :
This invention is directed to aqueous redox flow batteries comprising ionically charged redox active materials and separators wherein the separator is about 100 microns or less and the flow battery is capable of (a) operating with a current efficiency of at least 85% with a current density of at least about 100 mA/cm; (b) operating with a round trip voltage efficiency of at least 60% with a current density of at least about 100 mA/cm; and / or (c) giving rise to diffusion rates through the separator for the first active material the second active material or both of about 1x10 mol/cm sec or less.

No. of Pages : 66 No. of Claims : 53

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

(21) Application No.6760/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMMUNICATION CONTROL DEVICE COMMUNICATION CONTROL METHOD BASE STATION AND COMMUNICATION CONTROL SYSTEM

(51) International classification	:H04W16/32
(31) Priority Document No	:2012033853
(32) Priority Date	:20/02/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/083667 :26/12/2012
(87) International Publication No	:WO 2013/125150
(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)SONY CORPORATION
Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)SAWAI Ryo

(57) Abstract :
Provided is a communication control device comprising: a performance acquisition unit that acquires a parameter indicating the communication performance over a signaling path of a base station of a small cell which at least partially overlaps a macro cell of a wireless communication system; a selection unit that selects an interference control scheme for controlling interference between the macro cell and the small cell on the basis of the parameter acquired by the performance acquisition unit; and an interference control unit that transmits an interference control signal to the base station of the small cell in accordance with the interference control scheme selected by the selection unit.

No. of Pages : 57 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.652/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APPARATUS AND PROCESS FOR DESALINATION OF WATER

(51) International classification :C02F1/44,C02F1/22
(31) Priority Document No :12179663.5
(32) Priority Date :08/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/052847
Filing Date :13/02/2013
(87) International Publication No :WO 2014/023438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SULZER CHEMTECH AG
Address of Applicant :Sulzer Allee 48 CH 8404 Winterthur Switzerland
(72)**Name of Inventor :**
1)DETTE Severine
2)AHMAD Mansour M.M
3)STEPANSKI Manfred

(57) Abstract :
A process for desalinating water is disclosed. The process comprises the steps of passing a feed stream of saline solution 2 in a first de salination step through a reverse osmosis membrane desalination plant 3 comprising at least one reverse osmosis desalination unit 4 to form a first product water stream 5 having a reduced salt concentration relative to that of the feed stream of saline solution 2 and a first byproduct stream 6 having an increased salt concentration relative to that of the feed stream of saline solu tion 2 characterized in that the first byproduct stream 6 is passed in a second desalination step through a suspension crystallization unit 7 to form a second product water stream 8 having a reduced salt concentration relative to that of the first byproduct stream 6 and a second byproduct stream 9 having an in creased salt concentration relative to that of the first byproduct stream 6. The invention further relates to an apparatus 1 for carrying out said process. The present invention further relates also to the use of the process or apparatus 1 for the reduction of the volume of the first byproduct stream of a reverse os mosis membrane desalination plant 3, preferably an in-land desalination plant 3, or in a device or plant or process for producing desalinated water, for salt production, for co-production of power and desalinated water, or for air conditioning.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.669/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOBILE COMMUNICATION SYSTEM MOBILE COMMUNICATION METHOD GATEWAY DEVICE AND WIRELESS BASE STATION

(51) International classification :H04W4/06
(31) Priority Document No :2012180765
(32) Priority Date :17/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/002102
Filing Date :27/03/2013
(87) International Publication No :WO 2014/027431
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEC CORPORATION
Address of Applicant :7 1 Shiba 5 chome Minato ku Tokyo 1088001 Japan
(72)**Name of Inventor :**
1)KOZUKA Hideki
2)UEDA Yoshio

(57) Abstract :
A mobile communication system (100) provided with: a plurality of wireless base stations (111, 11n) for transmitting a setting request including identification information for the wireless base station and group identification information for identifying the group to which the wireless base station belongs; a gateway device (120) connected to the wireless base stations (111,11n) the gateway device (120) associating the identification information and the group identification information included in the setting request and storing the associated information as distribution destination information upon receiving the setting request; and a relay station (130) for transmitting to the gateway device (120) a distribution request including the group identification information for the group representing the subject of distribution of an emergency alert. Upon receiving a distribution request the gateway device (120) specifies one or more wireless base stations associated with the group identification information included in the distribution request from the distribution destination information and transfers the distribution request to the specified wireless base station. Upon having a distribution request transferred from the gateway device (120) the wireless base station distributes the emergency alert to a subordinate cell.

No. of Pages : 56 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.686/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MEMBERSHIP PROCESSING METHOD PERFORMED ACCORDING TO FRANCHISE REGISTRATION REQUEST OF CUSTOMER AND DEVICE AND SYSTEM THEREFOR

(51) International classification :G06Q30/02
(31) Priority Document No :1020120085142
(32) Priority Date :03/08/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/005527
Filing Date :24/06/2013
(87) International Publication No :WO 2014/021551
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OH Se Kyu
Address of Applicant :102 2009 Daewoo Maison Livre 16 1 Dangsan dong 2 ga Yeongdeungpo gu Seoul 150 935 Republic of Korea
(72)**Name of Inventor :**
1)OH Se Kyu

(57) Abstract :
The present invention relates to a membership processing method performed according to franchise registration request by customer and device and system therefor and the membership processing method comprises the steps of: enabling a franchise information processing device to receive from a client terminal franchise registration request information of a customer for registering a particular company as a franchise and to transfer the franchise registration request information to a corresponding company terminal; mapping corresponding company information with information on the customer who has requested the franchise registration depending on whether the franchise registration received from the company terminal is approved and classifying and registering in a database the company information as the franchise of the corresponding customer; receiving a notification message including customer benefit information from a predetermined company terminal; and transferring the notification message including the customer benefit information to a client terminal of the corresponding customer who has requested the registration of the company as the franchise by referring to the customer information mapped to the corresponding franchise if the company which has transmitted the notification message is a registered franchise. Thus the company can efficiently promote and sell products and manage customers and a customer can actively designate a desired company as a franchise such that the customer can be provided with improved convenience and better services.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/01/2015

(21) Application No.590/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ASSEMBLY FOR VERTICALLY ARRANGED PLANTS WITH A BUILT IN WATERING SYSTEM

(51) International classification :A01G9/00,A01G9/12
(31) Priority Document No :MX/a/2012/008742
(32) Priority Date :23/07/2012
(33) Name of priority country :Mexico
(86) International Application No :PCT/MX2013/000074
Filing Date :17/06/2013
(87) International Publication No :WO 2014/017894
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GARCIA ARIZPE Ignacio
Address of Applicant :Ro Nazas 1626 Colonia Gonz¡lez C.P. 25030 Saltillo Coahuila Mexico
(72)**Name of Inventor :**
1)GARCIA ARIZPE Ignacio

(57) Abstract :
The invention relates to an assembly for arranging plants vertically with a built in watering system applicable to plants contained in plant pots (11) consisting of a framework with individual supports for plant pots a water container provided with a trickler in the upper part a support with a drainage collector in the lower part and plant pots used to carry water to the upper container where it passes through the trickler and falls to an inverted relief (8.1) in the body of the plant pot just below. From there it is guided to an inner cavity (8.2) which finally allows the water to enter the plant pot. The excess water is ejected via a drainage opening with a conduit used as an extension and falls to the inverted relief of the plant pot directly beneath in order to then repeat the process in the other plant pots. These elements create a supporting structure for arranging plants vertically with a watering system that operates under gravity without tubes or devices connected to the plant pots and with means for storing and distributing the watering water and for collecting the excess water or water drainage.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.608/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR PACKING PRODUCTS INTO CONTAINERS

(51) International classification :B65B61/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2012/079083
Filing Date :24/07/2012
(87) International Publication No :WO 2014/015477
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(72)**Name of Inventor :**
1)ZHOU Runheng
2)LIU Fumin
3)ANDRES Gaspar
4)YE Yongqing
5)BITTNER Dale Francis
6)BENROS Philippe Elie
7)ZHAO Poe

(57) Abstract :
A method and apparatus for packing products into containers is provided. More particularly the method and the apparatus are directed to packaging sheets of packages such as pouches or sachets that are joined together end to end. The apparatus may include a folding mechanism (36) and a collection receptacle (40). The method and apparatus may perform one or more steps simultaneously so that the folding and packing of such sheets into containers can be carried out without the flow of incoming sheets being interrupted.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.659/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF HETEROCYCLIC ESTER DERIVATIVES

(51) International classification :C07F7/08
(31) Priority Document No :61/680412
(32) Priority Date :07/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/053595
Filing Date :05/08/2013
(87) International Publication No :WO 2014/025675
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JANSSEN PHARMACEUTICA NV
Address of Applicant :Turnhoutseweg 30 B 2340 Beerse Belgium
2)TELEHA Christopher A
(72)**Name of Inventor :**
1)TELEHA Christopher A
2)BONGARTZ Jean pierre Andre Marc
3)STAPPERS Alfred Elisabeth
4)WEERTS Koen Johan Herman
5)WILSON Kenneth J

(57) Abstract :
The present invention is directed to a process for the preparation of heterocyclic ester derivatives of formula I(The formula I should be inserted here.) wherein Al, SEM, and Wl are as defined herein. Such compounds are useful as intermediates in the synthesis of derivatives useful as protein tyrosine kinase inhibitors, more particularly inhibitors of c-fms kinase.

No. of Pages : 49 No. of Claims : 79

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

(21) Application No.6767/DELNP/2014 A
(43) Publication Date : 26/06/2015

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

(51) International classification	:H04W84/10,H04W16/16,H04W16/32
(31) Priority Document No	:2012033854
(32) Priority Date	:20/02/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2012/083670 :26/12/2012
(87) International Publication No	:WO 2013/125151
(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)SONY CORPORATION
Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075 Japan
(72)**Name of Inventor :**
1)SAWAI Ryo

(57) Abstract :
Provided is a communication control device comprising: an assignment unit that assigns transmission power to each of one or more small cells which at least partially overlap a macro cell of a wireless communication system such that interference from each of the small cells to the macro cell is suppressed; a determination unit that in a case where there is a second small cell that inflicts interference exceeding an allowable level upon a first small cell determines whether said interference is unidirectional or bidirectional; and a control unit that controls said interference between the first small cell and the second small cell according to different techniques depending on the result of determination by the determination unit.

No. of Pages : 42 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.694/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GLYCOCONJUGATION PROCESSES AND COMPOSITIONS

(51) International classification :A61K47/48,A61P31/04
(31) Priority Document No :61/684043
(32) Priority Date :16/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/056597
Filing Date :12/08/2013
(87) International Publication No :WO 2014/027302
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PFIZER INC.
Address of Applicant :235 East 42nd Street New York New York 10017 U.S.A.
(72)**Name of Inventor :**
1)GU Jianxin
2)KIM Jin hwan
3)PRASAD A. Krishna
4)YANG Yu ying

(57) Abstract :
The invention provides eTEC linked glycoconjugates comprising a saccharide covalently conjugated to a carrier pro - tein through a (2-((2-oxoethyl)thio)ethyl)carbamate (eTEC) spacer, immunogenic compositions comprising such glycoconjugates, and methods for the preparation and use of such glycoconjugates and immunogenic compositions.

No. of Pages : 83 No. of Claims : 62

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014
(21) Application No.5988/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CATALYST COMPONENT

(51) International classification :C08F10/06
(31) Priority Document No :11196166.0
(32) Priority Date :30/12/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/076053
Filing Date :19/12/2012
(87) International Publication No :WO 2013/098139
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOREALIS AG
Address of Applicant :Wagramer Strasse 17 19 A 1220 Vienna Austria
(72)**Name of Inventor :**
1)KIPIANI Georgy
2)LEINONEN Timo
3)DENIFL Peter
4)MULARI Reijo
5)KROGERUS Tommi

(57) Abstract :
The invention relates to a particulate Group 2 metal/transition metal olefin polymerisation catalyst component comprising a special 1,3 -diether as internal donor, to a process for preparing same and to the use of such a catalyst component for preparing a catalyst used in the polymerisation of olefins.

No. of Pages : 45 No. of Claims : 17

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

(21) Application No.6500/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTRODUCER

(51) International classification :A61M25/06
(31) Priority Document No :2012072408
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/058121
Filing Date :21/03/2013
(87) International Publication No :WO 2013/146543
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TERUMO KABUSHIKI KAISHA
Address of Applicant :44 1 Hatagaya 2 chome Shibuya ku Tokyo 1510072 Japan
(72)**Name of Inventor :**
1)OKAMURA Ryo
2)YAZAKI Yushin

(57) Abstract :
The introducer (10) has an introducer sheath (20) and a dilator (30). The introducer also has for example (a) first information (51) which is displayed on the introducer sheath and indicates the internal diameter measurement of the sheath tube (21) and second information which is displayed on the dilator and indicates the external diameter measurement of the sheath tube.

No. of Pages : 61 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2014

(21) Application No.6850/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPOSITIONS AND METHODS FOR THE MODULATION OF SPECIFIC AMIDASES FOR N ACYLETHANOLAMINES FOR USE IN THE THERAPY OF INFLAMMATORY DISEASES

(51) International classification	:A61K31/421,C07D263/10,C07D263/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No Filing Date	:PCT/IT2012/000050 :17/02/2012
(87) International Publication No	:WO 2013/121449
(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)EPITECH GROUP S.r.L.
Address of Applicant :Via Egadi 7 I 20144 Milano Italy
(72)**Name of Inventor :**
1)DELLA VALLE Francesco
2)DELLA VALLE Maria Federica
3)MARCOLONGO Gabriele
4)DI MARZO Vincenzo
5)CUZZOCREA Salvatore

(57) Abstract :
The present invention regards compositions and methods for the modulation of amidases capable of hydrolysing N-acylethanolamines useable in the therapy of inflammatory diseases. In particular, the present invention regards a compound of general formula (I): enantiomers, diastereoisomers, racemes and mixtures, polymorphs, salts, solvates thereof, wherein: (a) R is a linear alkyl radical having 13 to 19 carbon atoms or alkenyl radical having 13 to 19 carbon atoms carrying a double bond; (b) X is 0 or S; (c) Y is a 2 or 3 carbon atom alkylene residue, optionally substituted with one or two groups equal or different from each other and selected from among the group consisting of: -CH3, -CH2OH, -COOCH3, -COOH. Y may preferably be: -CH2-CH2-, -CH2-CH2-CH2-, CH (CH3) -CH2-, -CH2-CH (CH3) -, -CH2-C (CH) 2-, -CH2-CH (CH2OH) -, -CH2-C ((CH2OH) 2) -, -CH=CH-, -CH2-CH (COOCH) -, -CH2-CH (COOH) -, for use as a medicine.

No. of Pages : 61 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.702/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COOLING UNIT ARRANGEMENT

(51) International classification :A47F3/04
(31) Priority Document No :10 2012 107 711.8
(32) Priority Date :22/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/066454
Filing Date :06/08/2013
(87) International Publication No :WO 2014/029611
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AHT COOLING SYSTEMS GMBH
Address of Applicant :Werksgasse 57 A 8786 Rottenmann Austria
(72)**Name of Inventor :**
1)RESCH Reinhold

(57) Abstract :
The invention relates to a cooling unit arrangement consisting of at least two mutually arranged shelf modules (1,2,3) comprising a base group (11) a rear wall group (12) and an upper group (13) with respective covering parts and forming a cooling chamber (4) and a cooling device (5). Said shelf modules (1,2,3) have identical modular parts with frame profiles and which support the base group (11) the rear wall group (12) and the upper group (13) and at least the rear wall group (12) of each shelf module (1, 2,3) is equipped with components of the cooling device (5). The module frame forms with frame profiles lateral frames (10) of the shelf modules (1,2,3) and the base group (11) the rear wall group (12) and the upper group (13) are mounted with the respective covering parts thereof on the lateral frames (10). All these measures allow an advantageous installation and the cooling device (5) comprises at least one compressor (51) an evaporator (50,50,50) a condenser (52) connecting elements (53) including connecting lines (53.1) a ventilator (56,57) and a control device with a control unit (55.1). Said shelf arrangement is provided with a common evaporator (50,50,50) arranged in the rear wall group (12) and extending along several or all shelf modules (1,2,3). The rear wall group (12) the base group (11) and/or the upper group (13) of each shelf module (1,2,3) is/are designed for detachably mounting additional components of the cooling device (6).

No. of Pages : 55 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.645/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION CONTAINING FIMASARTAN AND HYDROCHLOROTHIAZIDE

(51) International classification :A61K9/20,A61K31/4422,A61K31/4184
(31) Priority Document No :1020120070359
(32) Priority Date :28/06/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/003734
Filing Date :30/04/2013
(87) International Publication No :WO 2014/003305
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BORYUNG PHARMACEUTICAL CO. LTD.
Address of Applicant :136 Changgyeonggung ro Jongno gu Seoul 110 750 Republic of Korea
(72)**Name of Inventor :**
1)KIM Je Hak
2)NAM Kyung Wan
3)PARK Seo Hun
4)KIM Ju Won
5)KIM Sang Yeop

(57) Abstract :
The present invention provides: a pharmaceutical composition having a superior physical property since fimasartan and hydrochlorothiazide which are main components of a composite have superior content uniformity; and a preparation method thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015
(21) Application No.662/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING ALUMINA

(51) International classification :C01F7/22,C01F7/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/RU2012/000630
Filing Date :01/08/2012
(87) International Publication No :WO 2014/021729
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU OBEDINENNAYA KOMPANIA RUSAL INZHENERNO TEKHNOLOGICHESKIY TSENTR
Address of Applicant :ul. Pogranichnikov 37 str. 1 Krasnoyarsk 660111 Russia
(72)**Name of Inventor :**
1)SENYUTA Aleksandr Sergeevich
2)PANOV Andrey Vladimirovich
3)SUSS Aleksandr Gennadevich
4)DAMASKIN Aleksandr Aleksandrovich

(57) Abstract :
The invention relates to metallurgy particularly to acid methods for producing alumina and can be used in processing low grade aluminum containing raw materials. The method for producing alumina comprises treating aluminum containing raw materials with hydrochloric acid crystallizing aluminum chloride hexahydrate by means of evaporating the supernatant chloride solution and thermally decomposing the to form alumina. In order to increase the quality of the alumina and decrease energy consumption crystallization is carried out with the addition of calcium chloride wherein the ratio of the total mass of calcium chloride to the calculated mass of alumina in the supernatant solution equals 2-4, in the presence of aluminum chloride hexahydrate seed crystals having an average particle size of 250-500 microns.

No. of Pages : 7 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.696/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BLOCK COPOLYMER COMPOSITION FOR ADHESIVES AND ADHESIVE COMPOSITION

(51) International classification :C09J153/02,C08F257/02
(31) Priority Document No :2012165195
(32) Priority Date :25/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/069551
Filing Date :18/07/2013
(87) International Publication No :WO 2014/017380
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASAHI KASEI CHEMICALS CORPORATION
Address of Applicant :1 105 Kanda Jinbocho Chiyoda ku Tokyo 1018101 Japan
2)JAPAN ELASTOMER CO. LTD.
(72)**Name of Inventor :**
1)NAKAJIMA Shigeo
2)HISASUE Takahiro
3)EBARA Kenji
4)NAKAMICHI Yukinori

(57) Abstract :
The purpose of the present invention is to provide a block copolymer composition for adhesives which forms an adhesive composition that has an excellent balance among adhesive characteristics such as adhesive force and adhesive properties while having low melt viscosity and excellent solubility coatability ejection stability and surface skin. A block copolymer composition for adhesives which contains component (a) in an amount of from 50% by mass to 90% by mass (inclusive) and component (b) in an amount of from 10% by mass to 50% by mass (inclusive) with the content of a vinyl aromatic monomer unit being 25 50% by mass. This block copolymer composition for adhesives has a viscosity of 10 40 mPas as measured in a toluene solution of 15% by mass and the number average molecular weight ratio of the component (b) to the component (a) is 2.0 4.0.

No. of Pages : 93 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.713/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HYDRAULIC BUFFER

(51) International classification :F16F9/32,F16F7/08
(31) Priority Document No :2012167386
(32) Priority Date :27/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070241
Filing Date :25/07/2013
(87) International Publication No :WO 2014/017611
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI AUTOMOTIVE SYSTEMS LTD.
Address of Applicant :2520 Takaba Hitachinaka shi Ibaraki 3128503 Japan
(72)**Name of Inventor :**
1)YAMASHITA Mikio
2)HOSOKAWA Toru

(57) Abstract :
A base part (92) of a friction member (22) is configured from a perforated disk shaped bottom part (101) and a tube part (102) that extends from the outer peripheral side of the bottom part (101) in the axial direction. An elastic rubber part (91) is provided with a minimum inner diameter part (137) formed on the inner peripheral side and enlarged diameter parts (138,139) at both axial sides of the minimum inner diameter (137). A tube part fixing surface (126) fixed to the tube part (102) is provided on the outer peripheral side. A notch part (151) is formed at least partially on the tube part (102) side of a release surface (135) facing in the direction axially opposite to a bottom part fixing surface (128) fixed to the bottom part (101). The deepest part (155) of the notch part (151) is shallower than the axial direction position of the minimum inner diameter part (137).

No. of Pages : 58 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.764/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BICYCLIC HETEROCYCLES AND THEIR USE AS CCR2 RECEPTOR ANTAGONISTS

(51) International classification :C07D 487/04
(31) Priority Document No :09172408.8
(32) Priority Date :07/10/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/064770
Filing Date :05/10/2010
(87) International Publication No :WO 2011/042399
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)F. HOFFMANN-LA ROCHE AG
Address of Applicant :GRENZACHERSTRASSE 124, CH-4070, BASEL, SWITZERLAND
(72)**Name of Inventor :**
1)AEBI, JOHANNES
2)BINGGELI, ALFRED
3)GREEN, LUKE
4)HARTMANN, GUIDO
5)MAERKI, HANS P.
6)MATTEI, PATRIZIO

(57) Abstract :
The invention is concerned with novel bicyclic compounds of formula (I) wherein A, L, E, F, G, R1, R2, R3, R4, R5, R6, R7, V, W and n are as defined in the description and in the claims, as well as physiologically acceptable salts thereof. These compounds are antagonists of CCR2 receptor, CCR5 receptor and/or CCR3 receptor and can be used as medicaments.

No. of Pages : 112 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.627/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SHIP EQUIPPED WITH LIQUEFIED GAS VAPORIZATION DEVICE AND LIQUEFIED GAS VAPORIZATION DEVICE

(51) International classification :B63B25/16,F28D3/02
(31) Priority Document No :2012178275
(32) Priority Date :10/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/071117
Filing Date :05/08/2013
(87) International Publication No :WO 2014/024824
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI HEAVY INDUSTRIES LTD.
Address of Applicant :16 5 Konan 2 chome Minato ku Tokyo 1088215 Japan
2)SUMITOMO PRECISION PRODUCTS CO. LTD.
(72)**Name of Inventor :**
1)OKA Masaru
2)NAKAMICHI Kenji
3)TONOIKE Yoshiro

(57) Abstract :
The objective of the present invention is to enable an open rack type liquefied gas vaporization device having a simple configuration and good operability to be installed in locations such as ships and seaborne floating bodies which roll and tilt. This liquefied gas vaporization device (1) which is mounted in a ship is an open rack type device equipped with: vertically installed heat exchange panels (6); and troughs (10A,10B) that are installed at the upper side and cause a heat medium water (W) to overflow from overflow aperture parts (18) and flow onto the heat exchange panels (6) thereby vaporizing a liquefied gas inside heat transfer pipes (5). The troughs (10A,10B) have a heat exchange panel side edge part (18a) which the heat medium water (W) from the overflow aperture parts (18) flows over and an opposite heat exchange panel side edge part (18b) located on the side opposite the heat exchange panel (6). The vertical height of the opposite heat exchange panel side edge part (18b) is greater than the height of the heat exchange panel side edge part (18a).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/08/2014

(21) Application No.6608/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : REFRIGERATOR OIL COMPOSITION METHOD FOR PRODUCING SAME AND WORKING FLUID COMPOSITION FOR REFRIGERATORS

(51) International classification :C10M169/04,C09K5/04,C10M105/32
(31) Priority Document No :2012036442
(32) Priority Date :22/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054013
Filing Date :19/02/2013
(87) International Publication No :WO 2013/125528
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JX NIPPON OIL & ENERGY CORPORATION
Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku Tokyo 1008162 Japan
(72)**Name of Inventor :**
1)SAITO Masanori
2)OKIDO Takeshi
3)ETO Hiroshi
4)ADEGAWA Kuniko

(57) Abstract :
A refrigerator oil composition which contains: at least one ester additive that is selected from among tetraesters of pentaerythritol and one fatty acid selected from among fatty acids having 5-18 carbon atoms and hexaesters of dipentaerythritol and one fatty acid selected from among fatty acids having 5-18 carbon atoms; and a base oil that is an ester other than the ester additive. The content of the ester additive is 2-20% by mass based on the total mass of the refrigerator oil composition; and the kinematic viscosity of the refrigerator oil composition at 40°C is 3-500 mm/s.

No. of Pages : 45 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.678/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IN VITRO METHOD FOR THE DIAGNOSIS AND SURVEILLANCE OF CANCER

(51) International classification :G01N33/574,G01N33/50
(31) Priority Document No :12174539.2
(32) Priority Date :02/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/063448
Filing Date :27/06/2013
(87) International Publication No :WO 2014/005909
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOTIO A.S.
Address of Applicant :Jankovcova 1518/2 170 00 Prague 7 Czech Republic
(72)**Name of Inventor :**
1)BARTUNKOV • Jirina
2)SP • SEK Radek

(57) Abstract :
The present invention relates to an in vitro method for the diagnosis and/or the monitoring and/or predicting the progress of a cancer disease characterized in that in at least one sample the ratio of Tregs cells to at least one other group of T cells comprising the group of Th17 cells Th1 cells and/or Th2 cells is determined.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.695/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STEERING AND CONTROL SYSTEMS FOR A THREE WHEELED VEHICLE

(51) International classification :B62D9/02,B62K5/10,B62D61/08
(31) Priority Document No :61/670074
(32) Priority Date :10/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049991
Filing Date :10/07/2013
(87) International Publication No :WO 2014/011821
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALPHA MOTORS COMPANY LIMIITED
Address of Applicant :P.O. Box 957 Offshore Incorporations Centre Road Town Tortola VIRGIN ISLANDS
(72)**Name of Inventor :**
1)BRUCE Ian A.

(57) Abstract :
A three wheeled vehicle that includes: a single front wheel; two rear wheels; a passenger cabin; an electronic steering control unit; and a steering input device configured to send an electronic signal to the electronic steering control unit corresponding to an input received at the steering input device associated with turning the three wheeled vehicle; wherein the electronic steering control unit is configured to counter steer the front wheel in response to receiving the electronic signal wherein the counter steering of the front wheel initiates a leaning of the passenger cabin a direction of turning of the three wheeled vehicle.

No. of Pages : 31 No. of Claims : 20

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

(21) Application No.7648/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SPHERICAL ZINC OXIDE PARTICLES OF AGGREGATED LAMELLAR ZINC OXIDE METHOD OF PREPARING SAME COSMETIC AND HEAT DISSIPATING FILLER

(51) International classification :C01G9/02,A61K8/27,A61Q17/04
(31) Priority Document No :2012-051789
(32) Priority Date :08/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/056462
Filing Date :08/03/2013
(87) International Publication No :WO 2013/133412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAKAI CHEMICAL INDUSTRY CO. LTD.
Address of Applicant :5 2 Ebisujima cho Sakai ku Sakai shi Osaka 5908502 Japan
(72)**Name of Inventor :**
1)SUEDA Satoru
2)HASHIMOTO Mitsuo
3)TERABE Atsuki
4)MAGARA Koichiro

(57) Abstract :
Spherical zinc oxide particles of aggregated lamellar zinc oxide which have a median diameter of at least 0.01 μm and a particle size distribution such that D90/D10 is 5.0 or less.

No. of Pages : 43 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.664/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR ENABLING LAWFUL INTERCEPTION IN A TELECOMMUNICATIONS NETWORK USER EQUIPMENT FOR ENABLING LAWFUL INTERCEPTION IN A TELECOMMUNICATIONS NETWORK BASE TRANSCEIVER STATION FOR ENABLING LAWFUL INTERCEPTION IN A TELECOMMUNICATIONS NETWORK PROGRAM AND COMPUTER PROGRAM PRODUCT

(51) International classification :H04W12/02,H04L29/06
(31) Priority Document No :12005625.4
(32) Priority Date :02/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/066222
Filing Date :01/08/2013
(87) International Publication No :WO 2014/020125
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEUTSCHE TELEKOM AG
Address of Applicant :Friedrich Ebert Allee 140 53113 Bonn Germany
(72)**Name of Inventor :**
1)VAN BUSSEL Han
2)KLATT Axel

(57) Abstract :
The invention relates to a method for enabling lawful interception in a telecommunications network the telecommunications network comprising a core network and an access network wherein a user equipment camping on the telecommunications network is enabled for device to device communication wherein the access network of the telecommunications network comprises a base transceiver station wherein the user equipment is connected to the base transceiver station and the base transceiver station is enabled for allowing the user equipment to conduct device to device communication wherein in case that the user equipment is subjected to a lawful interception observation and the user equipment is sending a request to the base transceiver station to conduct a device to device communication a first message is sent from the base transceiver station to the user equipment wherein the first message comprises the indication of a permission to conduct a device to device communication by the user equipment wherein either the first message or a second message sent from the base transceiver station to the user equipment furthermore comprises a transmission power information wherein the transmission power information is indicative of a minimum transmission power of the user equipment when conducting device to device communication.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2014

(21) Application No.6640/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WORKING FLUID COMPOSITION FOR REFRIGERATOR REFRIGERATION OIL AND METHOD FOR PRODUCING SAME

(51) International classification	:C10M105/44,C09K5/04,C10M129/10
(31) Priority Document No	:2012046996
(32) Priority Date	:02/03/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/055385 :28/02/2013
(87) International Publication No	:WO 2013/129566
(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)JX NIPPON OIL & ENERGY CORPORATION
Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku Tokyo 1008162 Japan
(72)**Name of Inventor :**
1)SAITO Masanori
2)OKIDO Takeshi
3)SAWADA Ken
4)ADEGAWA Kuniko

(57) Abstract :
This working fluid composition for a refrigerator comprises: a refrigeration oil having a kinematic viscosity at 100°C of 2-50 mm2/s and including as a base oil a complex ester having an acid value of 0.5 mgKOH/g or less and obtained by further esterifying with at least one type of compound selected from C1-20 monovalent alcohols and C2-20 fatty acids an ester intermediate obtained by reacting a neopentylpolyol and a dibasic acid; and a C2-4 hydrocarbon refrigerant.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.698/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GEL LIKE COMPOSITION

(51) International classification :C08L33/02,A61K8/19,A61K8/34
(31) Priority Document No :2012151748
(32) Priority Date :05/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068506
Filing Date :05/07/2013
(87) International Publication No :WO 2014/007370
(61) 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 SEIKA CHEMICALS CO. LTD.
Address of Applicant :346 1 Miyanishi Harima cho Kako gun Hyogo 6750145 Japan
(72)**Name of Inventor :**
1)NAKATSUKA Akio
2)MORIMITSU Yuichiro
3)MURAKAMI Ryosuke
4)NISHIKAWA Yusuke

(57) Abstract :
The present invention addresses the problem of providing a gel like cosmetic preparation which is not susceptible to decrease in the viscosity even though an electrolyte is contained therein and which offers a non conventional gelatinous texture when initially applied to the skin while giving smooth touch once completely applied thereto. The present invention provides a gel like composition which contains 0.3 3% by mass of an alkyl modified carboxyl group containing water soluble polymer 3 20% by mass of a polyhydric alcohol and 0.25 5% by mass of an inorganic salt. The alkyl modified carboxyl group containing water soluble polymer is (i) a polymer that is obtained by polymerizing a (meth)acrylic acid and a (meth)acrylic acid alkyl ester having an alkyl group with 18 24 carbon atoms or (ii) a polymer that is obtained by polymerizing a (meth)acrylic acid a (meth)acrylic acid alkyl ester having an alkyl group with 18 24 carbon atoms and a compound having two or more ethylenically unsaturated groups.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.766/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : 3-AMINO-5-PHENYL-5,6-DIHYDRO-2H-[1,4]OXAZINE DERIVATIVES

(51) International classification :C07D 265/30
(31) Priority Document No :09168132.0
(32) Priority Date :19/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/061875
Filing Date :16/08/2010
(87) International Publication No :WO 2011/020806
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)F. HOFFMANN-LA ROCHE AG
Address of Applicant :GRENZACHERSTRASSE 124, CH-4070 BASEL, SWITZERLAND
2)SIENA BIOTECH S.P.A.
(72)**Name of Inventor :**
1)ANDREINI, MATTEO
2)DAVID BANNER
3)GABALLIERI, EMANUELE
4)GUBA, WOLFGANG
5)HILPERT, HANS
6)MAYWEG, ALEXANDER, V.
7)MAUSER, HARALD
8)NARQUIZIAN, ROBERT
9)POWER, EOIN
10)ROGERS-EVANS, MARK
11)TRAVAGLI, MASSIMILIANO
12)VALACCHI, MICHELA
13)WOLTERING, THOMAS
14)WOSTL, WOLFGANG

(57) Abstract :
The present invention relates to 3-Amino-5-phenyl-5,6-dihydro-2H-[l,4]oxazine derivatives 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 : 172 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.687/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CARTON AND CARTON BLANK FOR FORMING A CARTON

(51) International classification :B65D71/18
(31) Priority Document No :2012004734U
(32) Priority Date :02/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/US2013/053405
Filing Date :02/08/2013
(87) International Publication No :WO 2014/022764
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MEADWESTVACO PACKAGING SYSTEMS LLC
Address of Applicant :501 South 5th Street Richmond Virginia 23219 0501 U.S.A.
(72)**Name of Inventor :**
1)IKEDA Tamio

(57) Abstract :
A blank (1) for forming a carton (9) when erected reliably holds articles (D) in the carton and has an aptitude to an assembly using machine. The blank include a plurality of wall panels (2) connected together in a row. At least one section (10) for forming at least one article retaining structure is connected to the blank (1). At least one section includes a fold back panel (12) hingedly connected to a first one of the wall panels a cover panel (15) hingedly connected to the fold back panel. The cover panel is also hingedly connected to an end of a second one of the wall panels adjacent to the first wall panel. The side edge of the fold back panels to which the cover panel is connected is provided with at least one tab (21).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.703/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WASTE LIQUID RECYCLING SYSTEM

(51) International classification :C02F9/00,B01D61/02,C02F1/04
(31) Priority Document No :2012177654
(32) Priority Date :10/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/064610
Filing Date :27/05/2013
(87) International Publication No:WO 2014/024544
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO. LTD
Address of Applicant :1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan
2)NALCO JAPAN G.K.
3)KATAYAMA CHEMICAL INC.
(72)**Name of Inventor :**
1)MASAMUNE Hiroyuki
2)HIRATA Kazuhiro

(57) Abstract :
In a reverse osmosis membrane device (9) a waste liquid is separated into concentrated water which contains metal ions etc. and water which does not contain such ions etc. The water separated with the reverse osmosis membrane device (9) has such quality that the water has a pH of 6.5 7.5 a chlorine concentration of 15 ppm or less a conductivity of 110 μs/cm or less and a COD of 13.3 ppm or less which are on the water quality level for industrial water. Hence the water separated with the reverse osmosis membrane device (9) is sent to a pure water device (10) where the water is mixed with fresh industrial water. The mixed water is subjected to painting pretreatment water washing and electrodeposition water washing.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.7720/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DOOR LOCK DEVICE

(51) International classification :E05B65/20
(31) Priority Document No :2012-057779
(32) Priority Date :14/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054703
Filing Date :25/02/2013
(87) International Publication No :WO 2013/136954
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan
(72)**Name of Inventor :**
1)YAMAGUCHI Atsushi
2)TADA Takeshi
3)TANIYAMA Masashi
4)KOJIMA Yusuke
5)KATSURAYAMA Atsushi
6)KONOMOTO Norio

(57) Abstract :
To provide a door lock device capable of preventing a door from being switched to a locked state when the door receives an impact from outside the door in an unlocked state. [Solution] This door lock device is configured such that a lock switching component movable between an unlock position at which latch release operation force is transmitted from a door handle to a latch mechanism and a lock position at which the latch release operation force is not transmitted and a key cylinder of a door are coupled by a rotating shaft a first key operation transmitting component and a second key operation transmitting component the lock switching component is switchable between the lock position and the unlock position by key operation force on the key cylinder and when the first key operation transmitting component together with the rotating shaft moves closer to a vehicle interior by an impact from outside the door of the vehicle the coupling between the first key operation transmitting component and the second key operation transmitting component is released.

No. of Pages : 66 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.7721/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WALL BODY FASTENING PART STRUCTURE AND METHOD FOR MANUFACTURING VEHICLE COMPONENT

(51) International classification :F16B5/07,B60J5/00,E05B65/20
(31) Priority Document No :2012-057777
(32) Priority Date :14/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/054704
Filing Date :25/02/2013
(87) International Publication No :WO 2013/136955
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan
(72)**Name of Inventor :**
1)YAMAGUCHI Atsushi
2)TADA Takeshi
3)TANIYAMA Masashi
4)KOJIMA Yusuke
5)KATSURAYAMA Atsushi
6)KONOMOTO Norio
7)MIWA Yoshikazu

(57) Abstract :
To provide a wall body fastening part structure with which positional deviation can be prevented when a first flange part and a second flange part are fastened together while preventing a decrease in productivity and to provide a method for manufacturing a vehicle component having this wall body fastening part structure. [Solution] This wall body fastening part structure is equipped with: a first flange part that projects to the side from the outer surface of the tip end of a plate like first wall body; a second flange part that projects to the side from the outer surface of the tip end of a plate like second wall body and that overlaps and is fastened to the first flange part; first engaging claws that rise from the inner surface of the tip end of the first wall body and protrude toward the second wall body and oppose the inner surface of the tip end of the second wall body; and second engaging claws that rise from the inner surface of the tip end of the second wall body and protrude toward the first wall body and oppose the inner surface of the tip end of the first wall body.

No. of Pages : 45 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.622/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXTRACELLULAR MATRIX ENCASEMENT STRUCTURES AND METHODS

(51) International classification :A61N1/375
(31) Priority Document No :13/573566
(32) Priority Date :24/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/041517
Filing Date :17/05/2013
(87) International Publication No :WO 2014/046741
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CORMATRIX CARDIOVASCULAR INC.
Address of Applicant :1100 Old Ellis Road Roswell GA 30076 U.S.A.
(72)**Name of Inventor :**
1)MATHENY Robert G.

(57) Abstract :
A remodelable encasement structure comprising a pouch formed from at least one sheet of bioremodelable material the pouch including an internal region and at least one lead conduit the internal region being configured to receive a device therein the lead conduit being configures to receive at least one device lead therein the bioremodelable material comprising an extracellular matrix (ECM) composition that includes an ECM component derived from a mammalian source.

No. of Pages : 38 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.655/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CASE HARDENED STEEL HAVING EXCELLENT FATIGUE CHARACTERISTICS

(51) International classification	:C22C38/00,B22D11/00,B22D11/115
(31) Priority Document No	:2012231597
(32) Priority Date	:19/10/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/078328 :18/10/2013
(87) International Publication No	:WO 2014/061784
(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)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)HASHIMURA Masayuki
2)MIYAZAKI Masafumi
3)FUJITA Takashi
4)YAMAMURA Hideaki

(57) Abstract :
A case hardened steel having the following chemical composition in mass%: C=0.10 0.40%; Si=0.01 0.80%; Mn=0.1 1.5%; Cr=0.35 2.0%; Al=0.01 0.05%; REM=0.0001 0.050%; O=0.0001 0.0030%; Ti=less than 0.005%; N=0.015% or less; P=0.03% or less; S=0.01% or less; and with iron and impurities constituting the remainder. Further contained therein is a composite inclusion containing REM O S and Al and having TiN adhered thereto. The case hardened steel is characterized in that the total of the number density of MnS having a maximum diameter of 10μm or more and the number density of TiN having a maximum diameter of 1μm or more and independently present and not adhered to the inclusion is 5/mm or less.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.689/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FULFILLMENT OF APPLICATIONS TO DEVICES

(51) International classification :G06F9/445
(31) Priority Document No :13/623143
(32) Priority Date :20/09/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/059352
Filing Date :12/09/2013
(87) International Publication No :WO 2014/046948
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMAZON TECHNOLOGIES INC.
Address of Applicant :P.O. Box 81226 Seattle WA 98108 1226 U.S.A.
(72)**Name of Inventor :**
1)CHUD Andrew C.
2)OLIVIERI Josiah P.
3)MATHIESEN Thomas M.
4)BLANCHARD Laura A.
5)VILKOTSKI Andrei V.
6)BHATTI Ata U.

(57) Abstract :
Disclosed are various embodiments for facilitating fulfillment of applications to various devices that may be associated with a user account. When a request to obtain access to an application is received a device characteristic of the various devices is identified and a corresponding application binary associated with the application is identified. The corresponding application binaries are distributed to the devices corresponding to the user account. Additionally an appropriate browser accessible application is identified and access can be granted to a device depending upon the capabilities of a browser executed by the device.

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.705/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STEEL SHEET FOR HOT PRESSING USE METHOD FOR PRODUCING SAME AND HOT PRESS STEEL SHEET MEMBER

(51) International classification :C22C38/00,B21D22/20,C21D1/18
(31) Priority Document No :2012180186
(32) Priority Date :15/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/071971
Filing Date :15/08/2013
(87) International Publication No :WO 2014/027682
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)TAMAKI Akari
2)HIKIDA Kazuo

(57) Abstract :
A steel sheet for hot pressing use has a predetermined chemical composition containing 0.08% or more and less than 0.20% of C 0.003 to 0.2% of Si 1.6 to 3.5% of Mn and the like and has a steel structure composed of in area ratios 1 to 95% of bainite 5 to 94% of ferrite and a remainder made up by at least one component selected from the group consisting of pearlite martensite and retained austenite. In the steel sheet there is a relationship represented by the formula [Mn]+6.67—[C] 2.73 = 0 wherein [Mn] represents the content of Mn and [C] represents the content of C.

No. of Pages : 63 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.772/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTILAYER NONWOVEN FABRIC FOR FOAM MOLDING

(51) International classification :D04H 3/14
(31) Priority Document No :2010-158865
(32) Priority Date :13/07/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/051912
Filing Date :31/01/2011
(87) International Publication No :WO 2012/008169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUI CHEMICALS, INC.
Address of Applicant :5-2, HIGASHI-SHIMBASHI, 1-CHOME, MINATO-KU, TOKYO 105-7117, Japan
(72)**Name of Inventor :**
1)TARO ICHIKAWA
2)YOSHINORI KOBAYASHI
3)HIDENORI YOSHIZAWA

(57) Abstract :
The invention provides multilayer nonwoven fabrics for foam molding that have excellent resistance to the separation of layers, have reinforcing effects and urethane leakage prevention performance, and are producible without the occurrence of fiber dust on the surface. In the multilayer nonwoven fabric for foam molding, a reinforcing layer is stacked on at least one side of a dense layer, the dense layer includes a meltblown nonwoven fabric layer (A) and spunbonded nonwoven fabric layers (B) that are stacked on both sides of the layer (A), and the meltblown nonwoven fabric layer (A) and the spunbonded nonwoven fabric layers (B) are partially thermocompression bonded with each other.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :11/08/2014

(21) Application No.6732/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VEHICLE DRIVE CONTROL DEVICE

(51) International classification :H02M7/48,B60L3/00,B61C17/00
(31) Priority Document No :2012028941
(32) Priority Date :13/02/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/000493
Filing Date :30/01/2013
(87) International Publication No :WO 2013/121719
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA TOSHIBA
Address of Applicant :1-1, Shibaura 1-chome, Minato-ku, Tokyo Japan
(72)**Name of Inventor :**
1)FUJITO Haruhiko
2)ISHIKAWA Michiaki
3)YOSHINARI Hiroaki
4)SHIMIZU Hideyuki
5)TAKAGI Takashi

(57) Abstract :
The vehicle drive control device according to one embodiment of the present invention is provided with: a plurality of power conversion devices (14) for converting direct current power supplied from a direct current power source (19) into alternating current power and outputting the alternating current power to a plurality of electric motors (12) a power conversion device (14) being connected to each electric motor (12); a control device (18) for controlling the power conversion devices; a casing (60) for housing the power conversion devices and the control device the casing (60) having a ceiling wall (62) facing a floor underside of a vehicle a bottom wall (63) facing a ground surface and a side wall connecting the ceiling wall and the bottom wall; and a power unit (68) having a cooler (80) in which a plurality of semiconductor elements constituting the power conversion devices are mounted a first control substrate (82) disposed facing the cooler and provided with a first connector connected to the semiconductor elements and a second control substrate (84) positioned in the direction orthogonal to the first control substrate and provided with a second connector connected to the first connector of the first control substrate.

No. of Pages : 67 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.690/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : APPARATUS AND METHOD FOR DELIVERING SURGICAL TISSUE CONNECTORS INTO AN ABDOMINAL CAVITY AND REMOVING THE SURGICAL TISSUE CONNECTORS FROM THE ABDOMINAL CAVITY

(51) International classification :A61B17/04
(31) Priority Document No :61/666380
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/047862
Filing Date :26/06/2013
(87) International Publication No :WO 2014/004654
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SMITH Jeffrey
Address of Applicant :10 Via Ricasol #A416 Irvine CA 92612 U.S.A.
2)SHERMAN Darren R.
(72)**Name of Inventor :**
1)SMITH Jeffrey
2)SHERMAN Darren R.

(57) Abstract :
The present invention is directed to an apparatus and its method of use in delivering surgical tissue connectors into an area of the body and removing the surgical tissue connectors from the body area. Svlore specifically the present invention is directed to a surgical tissue connector apparatus having at least two tissue connectors connected by a length of cord and a delivery and removai tube. At least one of the tissue connectors has a base with a tapered beveled or chamfered surface projecting from one end of the base. A hook or other type of tissue connector projects from the opposite side of the base. The hook is positioned on the base where a peripheral side surface of the base shields the hook from unintentionally snagging objects. The base peripheral surface is also dimensioned to slide easily through an interior bore of the tube. This enables the base and the projecting hook to be easily delivered through the tube into an area of the body. The chamfered or tapered surface on the base is positioned to engage with the distal end opening of the tube and direct the base into the center of the tube as the surgical tissue connector is retracted info the tube from the body area in removing the apparatus from the abdominal cavity.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.708/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POURING DEVICE AND LADLE FOR POURING DEVICE

(51) International classification :B22D41/01,B22D41/06
(31) Priority Document No :2012225432
(32) Priority Date :10/10/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055438
Filing Date :28/02/2013
(87) International Publication No :WO 2014/057696
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SINTOKOGIO LTD.
Address of Applicant :11 11 Nishiki 1 chome Naka ku Nagoya shi Aichi 4600003 Japan
2)FUJIWA DENKI CO. LTD.
(72)**Name of Inventor :**
1)TERADA Hideto
2)NISHIDA Tadashi
3)HYODO Toshiyuki
4)KATO Masayuki
5)BANNO Kouichi

(57) Abstract :
A pouring device (15) for pouring molten metal into a mold by tilting a ladle comprising the ladle (8) and a ladle tilting mechanism (16) for tilting the ladle (8); the ladle (8) having a storage part for storing molten metal and a molten metal heating part (11) for heating the molten metal in the ladle the molten metal heating part being provided to the bottom part of the storage part whereby temperature decreases in the molten metal in the ladle (8) can be prevented with a simple configuration and casting defects can be reduced.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.776/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WINDOW REGULATOR

(51) International classification :E05F 11/38
(31) Priority Document No :2009-174310
(32) Priority Date :27/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062570
Filing Date :27/07/2010
(87) International Publication No :WO 2011/013641
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HI-LEX CORPORATION
Address of Applicant :12-28, SAKAEMACHI 1-CHOME, TAKARAZUKA-SHI, HYOGO 665-0845 Japan
(72)**Name of Inventor :**
1)MASAYUKI MATSUSHITA

(57) Abstract :
A window regulator configured to prevent a carrier plate from derailing from a guide rail by preventing the generation of a force which is applied when the carrier plate and a stopper member collide with each other and which lifts up the carrier plate. A window regulator is configured in such a manner that an impact absorption body is installed in a press fitting recess formed in a carrier plate, said impact absorption body made of an elastic material for absorbing an impact caused by a collision between the carrier plate and a stopper member that regulates a slide position of the carrier plate, and also in such a manner that a collision surface formed on the stopper member is tilted toward the carrier plate with respect to a plane that is perpendicular to an axis of the guide rail such that the collision surface pushes the carrier plate down toward the guide rail when it collides with the impact absorbing body.

No. of Pages : 25 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2015

(21) Application No.638/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROACTIVE METHOD AND SYSTEM OF SEARCHING AND/OR INFERRING AND/OR SENDING INFORMATION

(51) International classification :G06Q10/00,G06Q30/00
(31) Priority Document No :12382254.6
(32) Priority Date :27/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/063484
Filing Date :27/06/2013
(87) International Publication No :WO 2014/001439
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)URIBE ETXEBARRIA JIMENEZ Xabier
Address of Applicant :Calle Abasota 24 3º Izq E 48990 Algorta Getxo Bizkaia Spain
(72)**Name of Inventor :**
1)URIBE ETXEBARRIA JIMENEZ Xabier

(57) Abstract :
The present invention relates to a method and system of searching and/or inferring and/or sending information to an application which includes sending information to said application. This information is related to the events of a user or of his contacts or of a provider and contains information of products and/or services related to said events. The system contains data tables of the user his contacts the product and/or service providers and their products and/or services.

No. of Pages : 35 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.657/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLUID CONTROL IN MICROFLUIDIC DEVICE

(51) International classification :B01L3/00
(31) Priority Document No :61/677710
(32) Priority Date :31/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/050980
Filing Date :18/07/2013
(87) International Publication No :WO 2014/022103
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CORNING INCORPORATED
Address of Applicant :1 Riverfront Plaza Corning New York 14831 U.S.A.
2)YUEN Po Ki
(72)**Name of Inventor :**
1)YUEN Po Ki

(57) Abstract :
A method of operating a microfluidic device (15) wherein the microfluidic device comprises a microfluidic channel (20) a fluid conveyance extension (30) and an absorbent microfluidic flow modulator (35). The microfluidic channel extends from a channel outlet chamber (25) of the microfluidic device and the fluid conveyance extension is fluidly coupled to the channel outlet chamber. The absorbent microfluidic flow modulator is configured to absorb a fluid from the fluid conveyance extension when fluidly coupled to the fluid conveyance extension. The method comprises admitting the fluid into the microfluidic channel and the channel outlet chamber saturating the fluid conveyance extension with the fluid and generating a fluid flow in the microfluidic channel by fluidly coupling the absorbent microfluidic flow modulator to the fluid conveyance extension to absorb the fluid from the fluid conveyance extension.

No. of Pages : 14 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.674/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : REDOX FLOW BATTERIES COMPRISING MATCHED IONOMER MEMBRANES

(51) International classification :H01M4/13,H01M8/00
(31) Priority Document No :61/676473
(32) Priority Date :27/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051767
Filing Date :24/07/2013
(87) International Publication No :WO 2014/018589
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUN CATALYTIX CORPORATION
Address of Applicant :6 1 Moulton Street Cambridge MA 02138 U.S.A.
(72)**Name of Inventor :**
1)AMADEO Desiree
2)ESSWEIN Arthur J.
3)GOELTZ John
4)JARVI Thomas D.
5)KING Evan R.
6)REECE Steven Y.
7)TYAGI Nitin

(57) Abstract :
This invention is directed to aqueous redox flow batteries comprising ionically charged redox active materials and ionomer membranes wherein the charge of the redox active materials is of the same sign as that of the ionomer so as to confer specific improvements.

No. of Pages : 54 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.709/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM FOR THE PREPARATION OF BEVERAGES

(51) International classification :A47J31/40,A61J9/00,B65D85/804
(31) Priority Document No :PCT/EP2012/063483
(32) Priority Date :10/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/064439
Filing Date :09/07/2013
(87) International Publication No :WO 2014/009339
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FOSTER Jody James
Address of Applicant :17 Roe Gardens Ruddington Nottingham NG11 6AQ U.K.
(72)**Name of Inventor :**
1)FOSTER Jody James

(57) Abstract :
A system (1) for the preparation of beverages includes a beverage supply device (10) for delivering a dose of liquid through a liquid outlet (58) and a beverage receptacle (20) having a base having a liquid inlet (72). The supply device and beverage receptacle may be joined together using a coupling interface (44 46) for connecting the beverage supply device to the base of the beverage receptacle. This allows the liquid to flow into the bottle via the liquid inlet in the base of the beverage receptacle. The system may operate with capsule containing concentrated beverage and may include further accessories.

No. of Pages : 46 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.777/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COPOLYMERS, POLYMERIC PARTICLES COMPRISING SAID COPOLYMERS AND COPOLYMERIC BINDERS FOR RADIATION-SENSITIVE COATING COMPOSITIONS FOR NEGATIVE-WORKING RADIATION-SENSITIVE LITHOGRAPHIC PRINTING PLATES

(51) International classification :C08B
(31) Priority Document No :61/242,421
(32) Priority Date :15/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/001400
Filing Date :14/09/2010
(87) International Publication No :WO 2010/148520
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MYLAN GROUP
Address of Applicant :B1 LONG DUE INDUSTRIAL PARK, TRAVINH CITY, TRAVINH PROVINCE, VIETNAM Vietnam
(72)**Name of Inventor :**
1)NGUYEN, MY, T.
2)LOCAS, MARC-ANDRE

(57) Abstract :
There is provided a copolymer and polymeric particle comprising the copolymer, a method of producing a polymeric particle, a copolymeric binder, a method of producing a copolymeric binder, a near infrared radiation-sensitive coating composition, a negative working lithographic offset printing plate, a method of producing a negative working lithographic offset printing plate and methods of imaging the plate and printing with the imaged plate.

No. of Pages : 79 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.648/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR PROCESSING AN ELECTRONIC ORDER

(51) International classification :G06Q10/08,G06Q30/06
(31) Priority Document No :2012/04822
(32) Priority Date :28/06/2012
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2013/055287
Filing Date :27/06/2013
(87) International Publication No :WO 2014/002046
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PIETERSE Wessel Antonie
Address of Applicant :8 Langelier Welgevonden Stellenbosch 7600 Cape Town South Africa
(72)**Name of Inventor :**
1)VAN BILJON Ernst Heinz
2)PIETERSE Wessel Antonie

(57) Abstract :
A system (100) and method for processing an electronic order is provided. The system comprises a remotely accessible server (102) having a first interface (108) with an ordering entity (106) a second interface (112) with a number of vendors (110) and a third interface (116) with a number of delivery providers (114). The server (102) is configured to receive an order placed by a consumer (104) with the ordering entity (106) through the first interface (108) transmit the order to a vendor (110) by means of the second interface (112) and once the order is ready for fulfilment transmit a delivery instruction to a delivery provider (114) through the third interface (116). The server (102) is further configured to compute fees due to the vendor (110) and delivery provider (114) update a ledger account with the applicable amounts and at regular intervals transmit an instruction to a payment gateway (120) for settlement of the amounts due to each party.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.767/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SERUM MARKERS PREDICTING CLINICAL RESPONSE TO ANTI-TNFα ANTIBODIES IN PATIENTS WITH PSORIATIC ARTHRITIS

(51) International classification :G01N 33/53
(31) Priority Document No :61/228,994
(32) Priority Date :28/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041714
Filing Date :12/07/2010
(87) International Publication No :WO 2011/014349
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JANSSEN BIOTECH, INC.
Address of Applicant :800/850 RIDGEVIEW DRIVE, HORSHAM, PA 19044, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)SUDHA VISVANATHAN
2)CARRIE WAGNER

(57) Abstract :
The invention provides tools for management of patients diagnosed with psoriatic arthritis, specifically, prior to the initiation of therapy with an anti-TNEα agent. The tools are specific markers and algorithms of predicting response to therapy based on standard clinical primary and secondary endpoints using serum marker concentrations. In one embodiment the baseline levels of VEGF, prostatic acid phosphatase, and adiponectin are used to predict the response at Week 14 after the initiation of therapy. In another embodiment, the change in a serum protein biomarker after 4 weeks of therapy is used such as MDC, lipoprotein a, and beta2-microglobulin.

No. of Pages : 68 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2014

(21) Application No.7670/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GYPSUM DISPERSANT

(51) International classification :C04B24/26,C04B24/12,C08F220/04
(31) Priority Document No :2012-058029
(32) Priority Date :14/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/057226
Filing Date :14/03/2013
(87) International Publication No :WO 2013/137400
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOHO CHEMICAL INDUSTRY CO.LTD.
Address of Applicant :6 4 Akashicho Chuo ku Tokyo 1040044 Japan
2)YOSHINO GYPSUM CO.LTD.
(72)**Name of Inventor :**
1)IKEDA Akira
2)KOSHISAKA Seiichi
3)SATO Katsutoshi

(57) Abstract :
To provide a gypsum dispersant and a gypsum additive that have an excellent improvement effect on the fluidity of a gypsum slurry even if raw gypsums of varying qualities are used and that do not delay curing of the gypsum slurry. [Solution] This gypsum dispersant is characterized by containing: (A) a polycarboxylic acid polymer; and (B) a polyamide polyamine and/or an alkylene oxide adduct thereof obtained by reacting a polyalkylene polyamine and a dibasic acid as essential components.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2014

(21) Application No.7672/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GYPSUM DISPERSANT

(51) International classification :C04B24/26,C04B24/12,C04B24/28
(31) Priority Document No :2012-058030
(32) Priority Date :14/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/057232
Filing Date :14/03/2013
(87) International Publication No :WO 2013/137402
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOHO CHEMICAL INDUSTRY CO.LTD.
Address of Applicant :6 4 Akashicho Chuo ku Tokyo 1040044 Japan
2)YOSHINO GYPSUM CO.LTD.
(72)**Name of Inventor :**
1)IKEDA Akira
2)KOSHISAKA Seiichi
3)SATO Katsutoshi

(57) Abstract :
To provide a gypsum dispersant and a gypsum additive that have an excellent improvement effect on the fluidity of a gypsum slurry even if raw gypsums of varying qualities are used and that do not delay curing of the gypsum slurry. [Solution] This gypsum dispersant is characterized by containing: (A) a polycarboxylic acid polymer; and (B) a polymer obtained by reacting alkylene diamines and/or monoamines with an epihalohydrin as essential components.

No. of Pages : 21 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.783/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESSOR INTERFACE

(51) International classification :G06F 3/041
(31) Priority Document No :09251684.8
(32) Priority Date :30/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/GB2010/001267
Filing Date :30/06/2010
(87) International Publication No :WO 2011/001145
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LAMBDE LIMITED
Address of Applicant :54C BRONDERSBURY VILLAS, LONDON NW6 6AB, UNITED KINGDOM;
(72)**Name of Inventor :**
1)LAMB, ROLAND, OLIVER

(57) Abstract :
The present invention provides an interface for inputting data into a processor, the interface having a three-dimensionally shaped input surface (2) and comprising; an array of sensors (4) responsive to forces applied to the input surface and providing an input to the processor capable of registering the magnitude of the forces applied to the array of sensors and interpreting the location of pressure on the input surface, a three-dimensionally shaped layer of soft resilient material (3) arranged between the three-dimensionally shaped input surface (2) and the array of sensors (4) and capable of transmitting forces exerted on the three-dimensionally shaped input surface (2) to the sensors.

No. of Pages : 40 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.665/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR PREPARING SUBSTITUTED BIPHENYLS BY C H ACTIVATION

(51) International classification :C07C231/12,C07C233/15
(31) Priority Document No :12179058.8
(32) Priority Date :02/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065925
Filing Date :29/07/2013
(87) International Publication No :WO 2014/019995
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER CROPSCIENCE AG
Address of Applicant :Alfred Nobel Str. 50 40789 Monheim Germany
(72)**Name of Inventor :**
1)RIEDRICH Matthias
2)RODEFELD Lars
3)VOLZ Frank

(57) Abstract :
The present invention relates to a novel process for preparing substituted biphenyls of the formula (III) by reacting arenes of the formula (I) with arenes of the formula (11) in the presence of a transition metal catalyst and of at least one oxidizing agent. R is NO an amino or amide group or a Schiff base.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2014

(21) Application No.6819/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTRODUCER

(51) International classification :A61M25/06
(31) Priority Document No :2012072403
(32) Priority Date :27/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/058120
Filing Date :21/03/2013
(87) International Publication No :WO 2013/146542
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TERUMO KABUSHIKI KAISHA
Address of Applicant :44 1 Hatagaya 2 chome Shibuya ku Tokyo 1510072 Japan
(72)**Name of Inventor :**
1)OKAMURA Ryo
2)YAZAKI Yushin

(57) Abstract :
The introducer (10) has an introducer sheath (20). Said introducer sheath is provided with a long hollow sheath tube (21) and a sheath hub (22) which is provided on the base end of the sheath tube and is equipped with an insertion port (25a) for inserting a dilator (30). The sheath tube and/or the sheath hub display first information (51) which indicates the internal diameter measurement of the sheath tube. The sheath tube and/or the sheath hub also display second information (52) which indicates the external diameter measurement of the sheath tube.

No. of Pages : 56 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.682/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELECTROCHEMICAL SYSTEMS FEATURING HIGH OPEN CIRCUIT POTENTIAL

(51) International classification :H01M4/13,H01M8/00
(31) Priority Document No :61/676473
(32) Priority Date :27/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051774
Filing Date :24/07/2013
(87) International Publication No :WO 2014/018593
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUN CATALYTIX CORPORATION
Address of Applicant :61 Moulton Street Cambridge MA 02138 U.S.A.
(72)**Name of Inventor :**
1)AMADEO Desiree
2)ESSWEIN Arthur J.
3)GOELTZ John
4)JARVI Thomas D.
5)KING Evan R.
6)REECE Steven Y.
7)TYAGI Nitin

(57) Abstract :
The invention concerns flow batteries comprising: a first aqueous electrolyte comprising a first redox active material; a second aqueous electrolyte comprising a second redox active material; a first electrode in contact with the first aqueous electrolyte; a second electrode in contact with the second aqueous electrolyte and a separator disposed between the first aqueous electrolyte and the second aqueous electrolyte; the flow battery having an open circuit potential of at least 1.4 V and is capable of operating or is operating at a current density at least about 50 mA/cm2 wherein both of the first and second redox active materials remain soluble in both the charged and discharged states. In certain embodiments the redox active materials are metal ligand coordination compounds. The disclosure also describes systems comprising these flow batteries and methods of them.

No. of Pages : 60 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.768/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INDOLE DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF

(51) International classification :C07D 209/08
(31) Priority Document No :2009-173862
(32) Priority Date :27/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062533
Filing Date :26/07/2010
(87) International Publication No :WO 2011/013624
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KISSEI PHARMACEUTICAL CO., LTD.
Address of Applicant :19-48, YOSHINO, MATSUMOTO-SHI, NAGANO 399-8710 Japan
(72)**Name of Inventor :**
1)KAZUYA TATANI
2)NAOHIRO KAWAMURA
3)ATSUSHI KONDO
4)TATSUHIRO KONDO

(57) Abstract :
A compound (I) of the present invention, which has an EP1 receptor antagonism: [Chem.] [wherein A represents a benzene ring or the like; Y1 represents a C1-6 alkylene group; Y2 represents a single bond or the like; R1 represents a hydrogen atom, a C1-6 alkyl group or the like; R2 represents a phenyl group which may have a substituent, a 5-membered aromatic heterocyclic ring which may have a substituent, a 6-membered aromatic heterocyclic ring which may have a substituent or the like; R3 represents a halogen atom, a C1-6 alkoxy group or the like; R4 represents a hydrogen atom or the like; and R5 represents a hydrogen atom or the like] or a pharmaceutically acceptable salt thereof is provided. Furthermore, the compound (I) of the present invention can be used as an agent for treating or preventing LUTS, in particular, various symptoms of OABs.

No. of Pages : 147 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.784/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HARD CARBON BLACK AND RUBBER COMPOSITION

(51) International classification :C09C 1/48
(31) Priority Document No :2009-187000
(32) Priority Date :12/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/004898
Filing Date :04/08/2010
(87) International Publication No :WO 2011/018887
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL CHEMICAL CARBON CO., LTD.
Address of Applicant :14-1 SOTOKANDA 4CHOME, CHIYODA-KU, TOKYO 1010021 Japan
(72)**Name of Inventor :**
1)KURIHARA MASAKI
2)KUWATA YASUNOBU
3)SUZUKI TAKESHI
4)HADA KYOHEI

(57) Abstract :
There is provided a hard carbon black having extremely excellent low heat generation properties while keeping high-level abrasion resistance. The hard carbon black has selective properties of the following formula (1): CA < 0.35 x DBP + 2 (1), wherein CA denotes an index calculated from an envelope area and a projected area of an aggregate according to the following formula (2): CA = (envelope area - projected area)/projected area x 100 (2), wherein the envelope area and the projected area of the aggregate are obtained by analyzing a two-dimensional projection image of the aggregate taken with a transmission-type electron microscope; and DBP denotes a DBP absorption.

No. of Pages : 29 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.609/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ROTOR

(51) International classification :F03D11/00,F03B3/04,F03B3/12
(31) Priority Document No :2013112137
(32) Priority Date :28/05/2013
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2014/002824
Filing Date :28/05/2014
(87) International Publication No :WO 2014/192297
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TERAL INC.
Address of Applicant :230 Moriwake Miyuki cho Fukuyama shi Hiroshima 7200003 Japan
(72)**Name of Inventor :**
1)LIU Hao
2)FUJII Takeo

(57) Abstract :
A Provided is a rotor for a wind/water power machine that can reduce fluid resistance. A rotor (1A) provided with a hub (10A) and blades (20A). In a projected plane perpendicular to a rotational center axis line of the rotor front edges (31A) of the blades protrude in at least one part forward in the rotational direction of the rotor relative to a first line segment L; front edge protruding tips (32A) thereof are disposed in positions separated outward in the radial direction of the rotor from the outer peripheral edge of the hub by a length 0.4 to 0.6 times the length of the blade; and portions (34A) of the front edges of the blades that extend from the ends on the inside in the radial direction of the rotor to the front edge protruding tips are curved or bent convexly in at least one part rearward in the rotational direction of the rotor relative to a second line segment L.

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.658/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LUBRICANT BASE OIL REFRIGERATOR OIL AND WORKING FLUID COMPOSITION FOR REFRIGERATORS

(51) International classification	:C10M105/42,C09K5/04,C10N30/06
(31) Priority Document No	:2012165726
(32) Priority Date	:26/07/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/070213 :25/07/2013
(87) International Publication No	:WO 2014/017596
(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)JX NIPPON OIL & ENERGY CORPORATION
Address of Applicant :6 3 Otemachi 2 chome Chiyoda ku Tokyo 1008162 Japan
(72)**Name of Inventor :**
1)SAITO Masanori
2)SAWADA Ken
3)OKIDO Takeshi
4)ADEGAWA Kuniko

(57) Abstract :
This lubricant base oil contains an ester which is synthesized from a first component that is at least one substance selected from among polyhydric alcohols having 2-4 hydroxyl groups a second component that is at least one substance selected from among polybasic acids having 6-12 carbon atoms and a third component that is at least one substance selected from among monohydric alcohols having 4-18 carbon atoms and monovalent fatty acids having 2-12 carbon atoms. A refrigerator oil of the present invention and a working fluid composition for refrigerators of the present invention respectively contain the lubricant base oil.

No. of Pages : 43 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.691/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AIRCRAFT WING WITH SYSTEM ESTABLISHING A LAMINAR BOUNDARY LAYER FLOW

(51) International classification :B64C21/02,B64C21/06,B64C9/24
(31) Priority Document No :1214199.0
(32) Priority Date :08/08/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/052098
Filing Date :06/08/2013
(87) International Publication No :WO 2014/023951
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EADS UK LIMITED
Address of Applicant :111 Strand London WC2R 0AG U.K.
(72)**Name of Inventor :**
1)ROLSTON Stephen

(57) Abstract :
For establishment of a laminar attachment line flow the invention proposes an aircraft wing (10) comprising: a leading edge (12) the leading edge (12) including an attachment line (14) being a region where air impinging on the region flows in a boundary layer spanwise along the leading edge (12) a first slat (22) and a second slat (24) wherein the leading edge (12) and the attachment line (14) are at least partially formed at the first and second slats (22,24) the second slat (24) is located adjacent to the first slat (22) in the downstream direction of the attachment line flow so that the leading edge (12) includes a slat to slat junction (26) and a slat cavity (30) is formed at the slat to slat junction (26) beneath a skin area (36) of at least one of the first and the second slats (22, 24) and a duct (38) having a duct entrance (40) at the slat to slat junction (26) for receiving spanwise flow along the leading edge (12) of the wing (10) the duct (38) beings at least partly formed by said slat cavity (30) wherein the duct entrance (40) extends around the leading edge (12) and over the range of positions of the attachment line (14) at the slat to slat junction (26).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.790/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL FXR (NR1H4) BINDING AND ACTIVITY MODULATING COMPOUNDS

(51) International classification :C07D 249/06
(31) Priority Document No :09010676.6
(32) Priority Date :19/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/005093
Filing Date :19/08/2010
(87) International Publication No :WO 2011/020615
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PHENEX PHARMACEUTICALS AG
Address of Applicant :DONNERSBERGWEG 1, 67059 LUDWIGSHAFEN, GERMANY
(72)**Name of Inventor :**
1)KREMOSER, CLAUS
2)ABEL, ULRICH
3)STEENECK, CHRISTOPH
4)KINZEL, OLAF

(57) Abstract :
The present invention relates to compounds which bind to the NR1H4 receptor (FXR) and act as agonists of the NR1H4 receptor (FXR). The invention further relates to the use of the compounds for the preparation of a medicament for the treatment of diseases and/or conditions through binding of said nuclear receptor by said compounds, and to a process for the synthesis of said compounds.

No. of Pages : 167 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5957/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MAGNETIC COOLING APPARATUS AND CONTROL METHOD THEREOF

(51) International classification :F25B21/00,F25B49/00
(31) Priority Document No :1020120004709
(32) Priority Date :16/01/2012
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2013/000296
Filing Date :15/01/2013
(87) International Publication No :WO 2013/109029
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAMSUNG ELECTRONICS CO. LTD.
Address of Applicant :129 Samsung ro Yeongtong gu Suwon si Gyeonggi do 443 742 Republic of Korea
(72)**Name of Inventor :**
1)CHOI Woo Hyek
2)KIM Min Soo
3)MUN Il Ju

(57) Abstract :
A magnetic cooling apparatus and a control method thereof are provided. The magnetic cooling apparatus provides a replacement having a simplified structure for motors providing driving force and power transmission systems of reciprocation type and rotation type cooling apparatuses. The magnetic cooling apparatus includes magnets forming a magnetic field magnetic regeneration units formed of a magnetocaloric material that are provided with coils and using electromagnetic force generated when currents are supplied to the coils in the magnetic field as kinetic energy and a controller controlling the currents supplied to the coils of the magnetic regeneration units to control moving speeds and directions of the magnetic regeneration units.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5958/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DRIVING APPARATUS FOR CAMERA LENS ASSEMBLY

(51) International classification :G03B3/10,H04N5/225,G02B7/04
(31) Priority Document No :1020110139290
(32) Priority Date :21/12/2011
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2012/011068
Filing Date :18/12/2012
(87) International Publication No :WO 2013/094963
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JAHWA ELECTRONICS CO. LTD.
Address of Applicant :1217 Chungcheong daero Bugi myeon Cheongwon gun Chungcheongbuk do 363 922 Republic of Korea
(72)**Name of Inventor :**
1)SEOL Jin Soo
2)JANG Jun Suk
3)LEE Jong Pil

(57) Abstract :
Provided is a driving apparatus for a camera lens assembly the driving apparatus including a lens assembly portion which includes a magnetic object and a support member a driving base portion which includes a coil portion for generating a driving force to correspond to the magnetic object and a position sensor portion positioned in the driving base portion eccentrically to a side from a center of the magnetic object.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.611/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GRAIN ORIENTED ELECTRICAL STEEL SHEET FOR IRON CORE AND METHOD OF MANUFACTURING THE SAME

(51) International classification :C22C38/00,B23K15/00,C21D8/12
(31) Priority Document No :2012190534
(32) Priority Date :30/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/005124
Filing Date :29/08/2013
(87) International Publication No :WO 2014/034128
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JFE STEEL CORPORATION
Address of Applicant :2 3 Uchisaiwai cho 2 chome Chiyoda ku Tokyo 1000011 Japan
(72)**Name of Inventor :**
1)TAKAJO Shigehiro
2)YAMAGUCHI Hiroi
3)OKABE Seiji
4)HANAZAWA Kazuhiro

(57) Abstract :
According to the present invention 150 MPa or greater residual stress is made to be present in a range within 300 μm in the direction of rolling and in a range of 42 μm or greater in the direction of sheet thickness in the vicinity of a strain region and strain regions are formed periodically at intervals of 2,10 mm in the direction of rolling thereby achieving superior transformers steel loss in a 1.5 1.9 T excitation region. Thus a grain oriented electrical steel sheet for an iron core with little energy loss during transformer operation can be obtained.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/03/2014
(21) Application No.792/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR FORMING FORGED COMPONENT AND FORGING DIE •

(51) International classification :B21J 9/02
(31) Priority Document No :2013-060085
(32) Priority Date :22/03/2013
(33) Name of priority country :Japan
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MUSASHI SEIMITSU INDUSTRY CO., LTD.
Address of Applicant :39-5, Aza Daizen, Ueta-cho, Toyohashi-shi, Aichi, Japan
(72)**Name of Inventor :**
1)SHINICHI MURATA

(57) Abstract :
A first press surface (26) of a first die member (23) extends toward at least one specific slide surface (27) in a position inclining relative to the specific slide surface (27) in a direction opposite to a direction of entry of a material into a first die (20). In other words, the first press surface (26) is in the inclining position in which the first press surface (26) has a side near the specific slide surface (27) and closer to a punch (24) and an opposite side near the center of the first die member (23) and farther from the punch (24). The inclining first press surface (26) has an angle (1)of, e.g.,15 degrees defined between the first press surface (26) and a plane oriented in a direction perpendicular to the direction of entry of the material.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.792/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VOUCHER ACCESS CODE CREATION AND MANAGEMENT

(51) International classification :H04W 4/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2009/050874
Filing Date :06/07/2009
(87) International Publication No :WO 2011/005154
(61) 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 LM ERICSSON (PUBL)
Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden
(72)**Name of Inventor :**
1)OTTERSTROM, PER

(57) Abstract :
A device(120) may provide refills for pre-paid subscriptions. The device (120) may receive a voucher activation code for a subscriber account. The device (120) may further process the voucher activation code to obtain a voucher serial number, where the processing may include performance of a decryption operation. The device (120) may also use the voucher serial number to identify a voucher for use in updating the subscriber account.

No. of Pages : 40 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.618/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR PREPARING SUBSTITUTED INDOLE DERIVATIVES

(51) International classification :C07D209/14,C07D209/86,C07D209/88
(31) Priority Document No :12177762.7
(32) Priority Date :25/07/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/065511
Filing Date :23/07/2013
(87) International Publication No :WO 2014/016296
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STUDIENGESELLSCHAFT KOHLE MBH
Address of Applicant :Kaiser Wilhelm Platz 1 45470 M¼lheim Germany
(72)**Name of Inventor :**
1)KLUMANN Martin
2)GULZAR Naeem

(57) Abstract :
The present invention relates to a process for preparing substituted indole derivatives. More particularly the invention refers to a new method to synthesize indole derivatives by oxidative C-H-functionalization.

No. of Pages : 21 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.651/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VEHICLE STEERING DEVICE

(51) International classification :B62D1/19,B62D1/18,B62D5/04
(31) Priority Document No :2012167117
(32) Priority Date :27/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070287
Filing Date :26/07/2013
(87) International Publication No :WO 2014/017621
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JTEKT CORPORATION
Address of Applicant :5 8 Minamisemba 3 chome Chuo ku Osaka shi Osaka 5428502 Japan
(72)**Name of Inventor :**
1)TSUTSUI Teruo

(57) Abstract :
A lower bracket in this vehicle steering device is provided with the following: a first bracket (80) that is affixed to the body of the vehicle; and a second bracket (84) that is affixed to an end surface of a housing (11) via coupling bolts (89). A rotational coupling part is provided between said first bracket (80) and second bracket (84). The second bracket (84) is provided with the following: a flat attachment part (85) that engages in surface contact with an intermediate shaft side end surface of the housing (11); and side panel parts (86) that extend past the edges of the attachment part (85) in the axial direction of a steering shaft (30) and engage with the rotational coupling part. The housing (11) is provided with support parts (13) that within the bounds of the side panel parts (86) extend radially outwards from the center of rotation of the steering shaft (30). An extended contact surface that engages in surface contact with the attachment part (85) is formed on the intermediate shaft side end surface of each support part (13).

No. of Pages : 36 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.668/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TECHNIQUES SYSTEMS AND MACHINE READABLE PROGRAMS FOR MAGNETIC RESONANCE

(51) International classification :G01N24/08
(31) Priority Document No :61/667283
(32) Priority Date :02/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/049014
Filing Date :02/07/2013
(87) International Publication No :WO 2014/008226
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MILLIKELVIN TECHNOLOGIES LLC
Address of Applicant :35 Braintree Hill Office Park Suite 304 Braintree MA 02184 U.S.A.
(72)**Name of Inventor :**
1)KALECHOFSKY Neal
2)HROVAT Mirko

(57) Abstract :
The present disclosure provides various methods and systems for performing magnetic resonance studies. In accordance with many embodiments image or other information of interest is derived from super radiant pulses.

No. of Pages : 79 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.769/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : 4-(3-ALKYLTHIOBENZOYL) PYRAZOLES AND USE THEREOF AS HERBICIDES

(51) International classification :C07D 231/20
(31) Priority Document No :61/229,353
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/004444
Filing Date :21/07/2010
(87) International Publication No :WO 2011/012246
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER CROPSCIENCE AG
Address of Applicant :ALFRED-NOBEL-STR, 50, 40789 MONHEIM, GERMANY
(72)**Name of Inventor :**
1)HARTMUT AHRENS
2)ANDREAS VAN ALMSICK
3)JAN DITTGEN
4)CHRISTOPHER HUGH ROSINGER
5)ISOLDE HAUSER-HANN
6)STEFAN LEHR
7)DIETER FEUCHT

(57) Abstract :
4-(3-Alkylthiobenzoyl)pyrazoles and use thereof as herbicides 4-(3-Alkylthiobenzoyl)pyrazoles of the formula (I) are described as herbicides. In this formula (I), X, Y, R1, R2, R3 and R4 represent radicals such as hydrogen, organic radicasl such as alkyl, and other radicals such as halogen.

No. of Pages : 118 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.785/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : 1H-QUINAZOLINE-2,4-DIONES AND THEIR USE AS AMPA-RECEPTOR LIGANDS

(51) International classification :C07D 239/96
(31) Priority Document No :0507298.8
(32) Priority Date :11/04/2005
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2006/003251
Filing Date :10/04/2006
(87) International Publication No :WO 2006/108591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6940/DELNP/2007
Filed on :10/04/2006

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :LICHTSTRASSE 35, CH-4056 BASEL SWITZERLAND.
(72)**Name of Inventor :**
1)ALLGEIER HANS
2)AUBERSON YVES
3)CARCACHE DAVID
4)FLOERSHEIM PHILIPP
5)GUIBOURDENCHE CHRISTEL
6)FROESTL WOLFGANG
7)KALLEN J–RG
8)KOLLER MANUEL
9)MATTES HENRI
10)NOZULAK JOACHIM
11)ORAIN DAVID
12)RENAUD JOHANNE

(57) Abstract :
The present invention relates to I H-Quinazoline-2,4-diones of formula (I) wherein R1 and R2 are as defined in the specification, their preparation, their use as AMPA-receptor ligands, in particular for the treatment of epilepsy or schizophrenia, and pharmaceutical compositions containing them. Further, intermediates for the manufacture of compounds of formula (I) and combinations comprising compounds of formula (I) are disclosed.

No. of Pages : 149 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.801/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CELL CULTURE MEDIUM FOR ADAMTS PROTEIN EXPRESSION

(51) International classification :C12N 9/64
(31) Priority Document No :61/230,477
(32) Priority Date :31/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044020
Filing Date :30/07/2010
(87) International Publication No :WO 02/42441
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAXTER INTERNATIONAL INC.
Address of Applicant :ONE BAXTER PARKWAY, DEERFIELD, ILLINOIS 60015, UNITED STATES OF AMERICA
2)BAXTER HEALTHCARE S.A.
(72)**Name of Inventor :**
1)LEOPOLD GRILLBERGER
2)ALEXANDRA SPENGER
3)MEINHARD HASSLACHER
4)RANA GRILLBERGER
5)MANFRED REITER

(57) Abstract :
The present invention provides culture mediums that are useful for the expression of ADAMTS proteins, such as ADAMTS13. Methods for the expression and purification of ADAMTS proteins are also provided. In some embodiments, the mediums and methods of the invention are useful for the expression of ADAMTS proteins having high specific activities. Also provided are ADAMTS, e.g., ADAMTS 13, protein compositions with high specific activities, which are expressed and purified according to the methods provided herein.

No. of Pages : 126 No. of Claims : 59

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5984/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DEVICE FOR SUPPORTING A ROLLING BEARING OF AN ELECTRICAL MACHINE AND ELECTRICAL MACHINE

(51) International classification :F16C35/067,F16C35/04
(31) Priority Document No :10 2012 205 690.4
(32) Priority Date :05/04/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/056538
Filing Date :27/03/2013
(87) International Publication No :WO 2013/149910
(61) 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)BAUER Christian

(57) Abstract :
A device particularly a cover (7) or a bearing shield for supporting a rolling bearing (9) of an electrical machine (1) comprising a bearing receptacle (11) having a side wall (12) for radially supporting a rolling bearing (9) of the electrical machine (1) and at least one first axial stop (17) for axially supporting the rolling bearing (9) characterised in that the side wall (12) is formed at least in part by a plurality of axially extending flexible catch hooks (13) which are connected at one end to the first axial stop (17) and each have at the other end a catch tab (14) facing inwards which forms a second axial stop (16) for the rolling bearing (9). The invention further relates to an electrical machine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/01/2015

(21) Application No.632/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FREE RADICAL RADIATION CURABLE LIQUIDS FOR DE INKING SUBSTRATES

(51) International classification :B41M7/00
(31) Priority Document No :12181849.6
(32) Priority Date :27/08/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/067376
Filing Date :21/08/2013
(87) International Publication No :WO 2014/033028
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AGFA GRAPHICS NV
Address of Applicant :IP Department 3622 Septestraat 27 B 2640 Mortsel Belgium
(72)**Name of Inventor :**
1)LOCCUFIER Johan
2)SMET Stefaan

(57) Abstract :
A free radical radiation curable liquid containing a) a photoinitiator; and b) a monomer or oligomer including an alkali hydrolyzable group; wherein the alkali hydrolyzable group is an oxalate group located in the atomic chain between two free radical polymerizable groups of the monomer or oligomer including an alkali hydrolyzable group.

No. of Pages : 53 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.684/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VALVE ARRANGEMENT

(51) International classification :F16K31/385,F16K15/06
(31) Priority Document No :P1200436
(32) Priority Date :23/07/2012
(33) Name of priority country :Hungary
(86) International Application No :PCT/HU2013/000073
Filing Date :22/07/2013
(87) International Publication No :WO 2014/016628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BERY INTELLECTUAL PROPERTIES
Address of Applicant :Szellemi Tulajdonjogokat Hasznosit³ s Kezelo Korl¡tolt Felelossgu T¡rsas¡g Andr¡ssy ºt. 112 H 1062 Budapest Hungary
(72)**Name of Inventor :**
1)BEREZNAI J³zsef

(57) Abstract :
Valve arrangement for ensuring different amount of medium flow through comprising at least two chambers (6,7) separated by a limiting wall (3) provided with a through opening (1). An insertion piece (2) in the through opening (1) is able to move transversally and the cross section of its elongated middle portion (4) corresponds to that of the through opening (1). At least at one end of the insertion piece (2) a closing head (5) is provided. A form fitting (8) between the closing head (5) and the limiting wall (3) ensures a first closed state thereby a first amount of flow through from a chamber (6) being on one side of the through opening (1) to the chamber (7) being on the other side of it when the longitudinal movement of the insertion piece (2) is limited as the closing head (5) abuts against the limiting wall (3) at the through opening (1).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.701/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COOLING DEVICE

(51) International classification :A47F3/04
(31) Priority Document No :10 2012 107 713.4
(32) Priority Date :22/08/2012
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2013/066456
Filing Date :06/08/2013
(87) International Publication No :WO 2014/029613
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AHT COOLING SYSTEMS GMBH
Address of Applicant :Werksgasse 57 A 8786 Rottenmann Austria
(72)**Name of Inventor :**
1)RESCH Reinhold

(57) Abstract :
The invention relates to a cooling unit having on two sides supporting C shaped lateral frames (10) said lateral frames being formed from frame profiles having a rear sided vertical profile (10.1) and a lower and an upper forward projecting horizontal profile (10.2 10.3). A rear wall group (12) having a heat insulating outer covering (12.3) is mounted on the vertical profiles (10.1) a base group (11) is mounted on the lower horizontal profile (10.2) and an upper group (13) is mounted on the upper horizontal profile (10.3) said groups surrounding a cooling chamber (4) from behind below and above. The construction is characterized in that at least the outer covering (12.3) of the rear wall group is arranged on the inner side facing the cooling chamber (4) of the vertical profile.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.802/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LOW-DRAG HYDRO-PNEUMATIC POWER CYLINDER AND SYSTEM

(51) International classification :F03B 17/06
(31) Priority Document No :61/269,803
(32) Priority Date :29/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040130
Filing Date :28/06/2010
(87) International Publication No :WO 2011/008482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GAVIN P. WILSON
Address of Applicant :4232 FOX FERN COURT, BEAVERCREEK, OH 45432, UNITED STATES OF AMERICA
2)MICHAEL J. WILSON
3)CONNER C. WILSON
(72)**Name of Inventor :**
1)GAVIN P. WILSON
2)MICHAEL J. WILSON
3)CONNER C. WILSON

(57) Abstract :
A hydro-pneumatic cylinder for converting buoyancy energy of compressed gas into mechanical energy. The cylinder can include a pair of end plates disposed at opposite ends of the cylinder and a drive axle extending longitudinally through the cylinder and passing through the center of each end plate. The cylinder can also include a core support coupled to each end plate and centrally disposed in the cylinder and a plurality of vanes for promoting a low-drag flow. Each of the plurality of vanes is coupled to the core support and the pair of end plates. A bucket is defined by the core support, two of the plurality of vanes, and the pair of end plates. The cylinder further includes a vane support coupled to the plurality of vanes and the core support. The vane support defines a plurality of openings formed therein through which a gas can pass for equalizing pressure in the bucket.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.502/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PPAR MODULATORS

(51) International classification :A61K 31/357
(31) Priority Document No :60/760,241
(32) Priority Date :18/01/2006
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2007/002542
Filing Date :18/01/2007
(87) International Publication No :WO 2007/138485
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :6605/DELNP/2008
Filed on :30/07/2007

(71)**Name of Applicant :**
1)EVOLVA SA
Address of Applicant :HAGMATTSTRASSE 6, CH-4123 ALLSCHWIL SWITZERLAND
(72)**Name of Inventor :**
1)KRISTIANSEN, KARSTEN
2)MAINKAR, PRATHAMA, S.
3)MEYER, JEAN-PHILIPPE
4)SANTANA SORENSEN, ALEXANDRA

(57) Abstract :
1,3-dioxane derivatives are described and their use in the treatment of a disease or condition dependent on PPAR modulation, such as diabetes, cancer, inflammation, , neurodegenerative disorders and infections.

No. of Pages : 85 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2015

(21) Application No.531/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF ALKYLFLUOROACRYLATE

(51) International classification :C07C67/343,C07C69/732,C07C67/32
(31) Priority Document No :12173485.9
(32) Priority Date :25/06/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2013/063324
Filing Date :25/06/2013
(87) International Publication No :WO 2014/001365
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DPX FINE CHEMICALS AUSTRIA GMBH & CO KG
Address of Applicant :St. Peter Strasse 25 P.O. Box 933 A 4021 Linz Austria
2)DSM IP ASSETS B V
(72)**Name of Inventor :**
1)KAPITAN Peter
2)SAJTOS Alexander

(57) Abstract :
The invention relates to a process for the manufacture of an alkylfluoroacrylate starting from alkylfluoroacetate and an oxalic acid ester wherein an alkane liquid under the reaction conditions is applied as the solvent in one of the reaction steps.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2015

(21) Application No.636/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EPCAM APTAMER FOR DETECTION OF CANCER STEM CELLS

(51) International classification :C12N15/115,A61K48/00,A61K49/00
(31) Priority Document No :2012903333
(32) Priority Date :02/08/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000851
Filing Date :02/08/2013
(87) International Publication No :WO 2014/019025
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEAKIN UNIVERSITY
Address of Applicant :75 Pigdons Road Waurn Ponds Victoria 3216 Australia
2)DUAN Wei
(72)**Name of Inventor :**
1)DUAN Wei

(57) Abstract :
The present disclosure relates to an RNA aptamer and uses thereof in particular an aptamer which specifically bind to EpCAM and which demonstrates superior tumor penetrating ability.

No. of Pages : 71 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.653/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : QUICK CHANGE FLUID SUPPLY APPARATUS FOR MACHINING

(51) International classification :B23Q11/10
(31) Priority Document No :61/693872
(32) Priority Date :28/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/056153
Filing Date :22/08/2013
(87) International Publication No :WO 2014/035789
(61) 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 GLEASON WORKS
Address of Applicant :1000 University Avenue P.O. Box 22970 Rochester NY 14692 2970 U.S.A.
(72)**Name of Inventor :**
1)WOOD Daniel D.

(57) Abstract :
A fluid supply apparatus (2) for a machine tool comprising a header portion (4) and one or more fluid manifolds (6,8) attachable to the header wherein the fluid manifolds are quickly and easily replaceable on the header without the use of tools.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/08/2014

(21) Application No.6536/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FORMYLATED XANTHOCILLIN ANALOGUES AS NEUROPROTECTANTS

(51) International classification :A61K31/137,C07C15/00,C12N1/00
(31) Priority Document No :P201230174
(32) Priority Date :07/02/2012
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2013/070065
Filing Date :06/02/2013
(87) International Publication No :WO 2013/117789
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NEURON BIOPHARMA S.A.
Address of Applicant :Parque Tecnol³gico de Ciencias de la Salud Avda. de la Innovaci³n nº 1 5ª planta E 18100 Armilla Granada Spain
(72)**Name of Inventor :**
1)RAMOS MART • N Mara del Carmen
2)CAMPOY GARC • A Sonia
3)BURGOS MU'OZ Javier Santos
4)ADRIO FONDEVILA Jos Luis
5)VELASCO ALVAREZ Javier

(57) Abstract :
The present invention relates to formulated xanthoxyline analogues for use in the treatment of neurodegenerative diseases, to some of said analogues, and also to methods for obtaining same and pharmaceutical compositions that comprise same. The invention also relates to a strain of microorganism of the species Penicillium chrysogenum, from which said analogues may be obtained.

No. of Pages : 108 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.688/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : UREA COMPOUNDS AND THEIR USE AS ENZYME INHIBITORS

(51) International classification :C07D233/61,C07C209/48,C07D233/88
(31) Priority Document No :61/674970
(32) Priority Date :24/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/PT2013/000048
Filing Date :24/07/2013
(87) International Publication No :WO 2014/017936
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BIAL PORTELA & CA S.A.
Address of Applicant : Av. da Siderurgia Nacional P 4745 457 S. Mamede Do Coronado Portugal
(72)**Name of Inventor :**
1)ROSA Carla Patrcia da Costa Pereira
2)GUSM*f*O DE NORONHA Rita
3)KISS Laszlo Erno
4)SOARES DA SILVA Patrcio Manuel Vieira Araºjo
5)RUSSO Domenico
6)WAHNON Jorge Bruno Reis
7)MATON William

(57) Abstract :
A compound having the following structure: or a pharmaceutically acceptable salt or derivative thereof. The compound may be used in the treatment or prevention of a disorder selected from appetite regulation obesity metabolic disorders cachexia anorexia pain inflammation neurotoxicity neurotrauma stroke multiple sclerosis spinal cord injury Parkinson s disease levodopa induced dyskinesia Huntington s disease Gilles de la Tourette s syndrome tardive dyskinesia dystonia amyotrophic lateral sclerosis Alzheimer s disease epilepsy schizophrenia anxiety depression insomnia nausea emesis alcohol disorders drug addictions such as opiates nicotine cocaine alcohol and psychostimulants hypertension circulatory shock myocardial reperfusion injury atherosclerosis asthma glaucoma retinopathy cancer inflammatory bowel disease acute and chronic liver disease such as hepatitis and liver cirrhosis arthritis and osteoporosis.

No. of Pages : 35 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.804/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : USE OF ONE OR A COMBINATION OF PHYTO-CANNABINOIDS IN THE TREATMENT OF EPILEPSY

(51) International classification :A61P 25/08
(31) Priority Document No :0911580.9
(32) Priority Date :03/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051066
Filing Date :29/06/2010
(87) International Publication No :WO 2011/001169
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GW PHARMA LIMITED
Address of Applicant :PORTON DOWN SCIENCE PARK, SALISBURY, WILTSHIRE SP4 OJQ, UNITED KINGDOM
2)OTSUKA PHARMACEUTICAL CO. LIMITED
(72)**Name of Inventor :**
1)BEN WHALLEY
2)GARY STEPHENS
3)CLAIRE WILLIAMS
4)GEOFFREY GUY
5)STEPHEN WRIGHT
6)TETSURO KIKUCHI

(57) Abstract :
This invention relates to the use of one or more cannabinoids in the treatment of epilepsy and more particularly to the use of one or a combination of cannabinoids in the treatment of generalized or partial seizure, In one embodiment it relates to the use of the cannabinoid THCV, as a pure or isolated compound, or as a plant extract in which significant amounts of any THC naturally present has been selectively removed. In another embodiment the phytocannabinoid is CBD.

No. of Pages : 47 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.640/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WINDSCREEN WIPER DEVICE

(51) International classification :B60S1/38,B60S1/52
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2012/065197
Filing Date :02/08/2012
(87) International Publication No :WO 2014/019627
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FEDERAL MOGUL S.A.
Address of Applicant :Avenue Champion B 6790 Aubange Belgium
(72)**Name of Inventor :**
1)BOLAND Xavier

(57) Abstract :
A windscreen wiper device (1) of the flat blade type comprising an elastic elongated carrier element as well as an elongated wiper blade (2) of a flexible material which can be placed in abutment with a windscreen to be wiped which wiper blade (2) includes one central groove (3) in which groove (3) a longitudinal strip (4) of the carrier element is disposed which windscreen wiper device comprises a connecting device (6) for an oscillating arm (7) wherein said oscillating arm (7) can be pivotally connected to said connecting device (6) about a pivot axis near one end and wherein said wiper blade (2) includes a wiping lip (9) at a side of said central groove (3) facing towards a windscreen to be wiped with the special feature that said wiper blade (2) is made in one piece of elastomeric material wherein said wiper blade (2) comprises at least one longitudinal cleaning fluid channel (10) as well as several holes (11) spaced apart along at least a portion of a length of said wiper blade (2) and wherein said holes (11) extend obliquely in downward direction from said cleaning fluid channel (10) to the outside for spraying cleaning fluid from said cleaning fluid channel (10) through said holes (11) onto a windscreen to be wiped.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :05/08/2014

(21) Application No.6573/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR OBTAINING A MODAFINIL BASED PHARMACEUTICAL COMPOSITION RESULTING PHARMACEUTICAL COMPOSITION AND USE THEREOF

(51) International classification :A61K9/16,A61K9/20,A61K31/165
(31) Priority Document No :12/00580
(32) Priority Date :28/02/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/000051
Filing Date :25/02/2013
(87) International Publication No :WO 2013/128087
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEBREGEAS ET ASSOCIES PHARMA
Address of Applicant :79 Rue de Miromesnil F 75008 Paris France
(72)**Name of Inventor :**
1)LEBON Christophe
2)SUPLIE Pascal
3)LEBOEUF Fabrice
4)JUNG Jennifer
5)DESCHAMPS Frantz

(57) Abstract :
The present invention relates to a novel process for obtaining a modafinil-based pharmaceutical composition. This process consists in solubilizing S-modafinil in a fluid in the supercritical state, and then, after reducing the pressure of said fluid, in recovering said S-modafinil by absorbing it at the surface of a substrate which is in the form of granules. Said fluid may be C0 2 or another solvent and the substrate may be anhydrous lactose or mannitol. Use of the pharmaceutical composition in cases where increased vigilance in the short term and over a brief period of time is required in the person taking said pharmaceutical composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.773/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : 2-(3-ALKYLTHIOBENZOYL) CYCLOHEXANEDIONES AND THEIR USE AS HERBICIDES

(51) International classification :C07C 317/24
(31) Priority Document No :61/229 365
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/004445
Filing Date :21/07/2010
(87) International Publication No :WO 2011/012247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER CROPSCIENCE AG
Address of Applicant :ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY
(72)**Name of Inventor :**
1)HARTMUT AHRENS
2)ANDREAS VAN ALMSICK
3)JAN DITTGEN
4)CHRISTOPHER HUGH ROSINGER
5)ISOLDE HAUSER-HAHN
6)STEFAN LEHR
7)DIETER FEUCHT

(57) Abstract :
2-(3-Alkylthiobenzoyl.)cyclohexanediones 2-(3-Alkylthiobenzoyl)cyclohexanediones of the formula (I) are described as herbicides. In this formula (I), X, Y, R1 to R8 represent radicals such as hydrogen, organic radicals such as alkyl and alkoxy.

No. of Pages : 130 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.789/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VANE PUMP AND FUEL INJECTING PUMP DEVICE COMPRISING VANE PUMP

(51) International classification :F04C 2/344
(31) Priority Document No :200910164908.5
(32) Priority Date :29/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073752
Filing Date :10/06/2010
(87) International Publication No :WO 2011/012024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BOSCH AUTOMOTIVE DIESEL SYSTEMS CO., LTD.
Address of Applicant :XINHUA ROAD, NEW DISTRICT, WUXI, JIANGSU 214028, CHINA
2)WUXI WEIFU HIGH-TECHNOLOGY CO., LTD.
(72)**Name of Inventor :**
1)WANG, YAWEI
2)BERGER, MATHIAS
3)WANG, YONGPING
4)LI, CHANGJUN

(57) Abstract :
Described herein is a vane pump (3) for a fuel injecting pump device (1), comprising a vane pump housing in which an inlet (77) and an outlet (89) of the vane pump (3) are formed, a stator (65) in which a cylindrical cavity is formed, a rotor (69) that is disposed rotatably and eccentrically within the cylindrical cavity of the stator (65), and a plurality of vanes (73) that are attached radially movably to the rotor (69) and spaced from each other. In an embodiment, a spring (75) is provided between the rotor (69) and each of the vanes (73), and the spring (75) tends to move the vane (73) radially outwardly toward the stator (65).

No. of Pages : 19 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012
(21) Application No.806/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CATALYTIC COMPLEX FOR OLEFIN METATHESIS REACTIONS, PROCESS FOR THE PREPARATION THEREOF AND USE THEREOF

(51) International classification :C07F 15/00
(31) Priority Document No :09290578.5
(32) Priority Date :21/07/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/059719
Filing Date :07/07/2010
(87) International Publication No :WO 2011/009721
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RIMTEC CORPORATION
Address of Applicant :SHIN MARUNOUCHI CENTER BUILDING 1-6-2 MARUNOUCHI, CHIYODA-KU, TOKYO 100-8246, Japan
(72)**Name of Inventor :**
1)RENATA DROZDZAK

(57) Abstract :
The present invention relates to a catalytic complex for olefin metathesis reac¬tions, to a process for its preparation and to its use in olefin metathesis reac¬tions, particularly in ring opening metathesis polymerisation (ROMP) reactions.

No. of Pages : 30 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.693/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING METAL IN SOLUTION

(51) International classification	:G01N27/64,G01N27/68,G01N31/00
(31) Priority Document No	:2012193684
(32) Priority Date	:04/09/2012
(33) Name of priority country	:Japan
(86) International Application No Filing Date	:PCT/JP2013/005227 :04/09/2013
(87) International Publication No	:WO 2014/038191
(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)ATONARP INC.
Address of Applicant :16 1 Tenjin cho Hachioji shi Tokyo 1920074 Japan
(72)**Name of Inventor :**
1)MURTHY Prakash Sreedhar

(57) Abstract :
Provided is a system whereby a metal ion in a solution is easily detected at a high accuracy. The system comprises: a unit (20) for mixing a first solution (21) containing a first organic compound that has affinity to the metal ion to be measured with a second solution (22) of the measuring object to give a mixed solution (29) and then supplying the mixed solution to a container (17); and a unit (10) for detecting the aforesaid metal ion in the second solution on the basis of spectra measured by ionizing a gas (19) in a head space (18) of the container. An example of the first organic compound is a siderophore (forming a complex with iron ion) such as catechol or AHA. The unit for detecting the metal ion concentration is an ion mobility sensor whereby the metal ion concentration in the solution can be detected in real time.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.710/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : USE OF ZINC COCETH SULFATE AS AN ANTIBACTERIAL AGENT AGAINST *PROPIONIBACTERIUM ACNES*

(51) International classification :A61Q19/00,A61Q17/00,A61P17/10
(31) Priority Document No :1256606
(32) Priority Date :09/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/064391
Filing Date :08/07/2013
(87) International Publication No :WO 2014/009315
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PIERRE FABRE DERMO COSMETIQUE
Address of Applicant :45 place Abel Gance F 92100 Boulogne Billancourt France
(72)**Name of Inventor :**
1)BACO David

(57) Abstract :
The invention relates to zinc coceth sulfate for the use thereof as an antibacterial agent for treating skin disorders as - sociated with Propionibacterium acns.

No. of Pages : 16 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.778/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FOUR-SIDED IMAGING SYSTEM AND METHOD FOR DETECTION OF CONTRABAND

(51) International classification :H05G 1/02
(31) Priority Document No :61/224,938
(32) Priority Date :13/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041757
Filing Date :13/07/2010
(87) International Publication No :WO 2011/008718
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RAPISCAN SYSTEMS, INC.
Address of Applicant :2805 COLUMBIA STREET, TORRANCE, CALIFORNIA 90503, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)MORTON, EDWARD, JAMES
2)KOTOWSKI, ANDREAS, F.

(57) Abstract :
The present invention provides a four-sided scanning system for vehicles that uses a combination of backscatter and transmission based x-ray imaging to achieve material discrimination. In one embodiment, the system is designed as a mobile, drive - through system, which can be folded and stowed in a truck and can be conveniently deployed at any place when required.

No. of Pages : 37 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.794/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DISPLAY OF TRAVEL ROUTES

(51) International classification :G06Q 10/00
(31) Priority Document No :09305708.1
(32) Priority Date :28/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/060067
Filing Date :13/07/2010
(87) International Publication No :WO 2011/012445
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMADEUS S.A.S.
Address of Applicant :485 ROUTE DU PIN MONTARD, SOPHIA ANTIPOLIS, F-06410 BIOT (FR) France
(72)**Name of Inventor :**
1)PASQUALI, JEAN
2)KARPP, ROBERT

(57) Abstract :
A method of displaying a graph of nodes adapted to the display of travel routes is described. The method comprises the steps of finding a node of highest weight among all nodes of the graph after each node is attributed a weight based on a number of nodes pertaining to a double-tree structure of nodes of which each node is assumed to be the root. Then, the double-tree structure of nodes having the node of highest weight as root is extracted and a layout is computed. If there are remaining nodes left, they are grouped in one or more sub-graphs and a layout of the one or more sub-graphs is iteratively computed. The one or more sub-graphs are then merged with the double-tree structure of nodes to be displayed.

No. of Pages : 25 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.810/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PREPARING CROSSLINKED BITUMEN/POLYMER COMPOSITIONS WITHOUT USE OF A CROSSLINKING AGENT

(51) International classification :C08J 3/24
(31) Priority Document No :FR 09/03729
(32) Priority Date :29/07/2009
(33) Name of priority country :France
(86) International Application No :PCT/IB2010/053420
Filing Date :28/07/2010
(87) International Publication No :WO 2011/013073
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOTAL RAFFINAGE MARKETING
Address of Applicant :24, COURS MICHELET, F-92800 PUTEAUX, FRANCE
(72)**Name of Inventor :**
1)DREESSEN, SYLVIA
2)CHAMINAND, JULIEN
3)MESNIL, JEAN-PIERRE

(57) Abstract :
The invention relates to a method for preparing crosslinked bitumen/polymer compositions without using any crosslinking agent, wherein at least one bitumen and at least one polymeric composition comprising at least 80 % by mass with respect to the mass of the polymeric composition, of a diblock copolymer of a monovinylaromatic hydrocarbon block and of a conjugate diene block having a molecular mass greater than or equal to 80,000 g mol-1 a content of 1-2 double bond units coming from the conjugate diene greater than or equal to 15 % by mass with respect to the total mass of the conjugate diene units, are brought into contact, optionally with stirring,, at a temperature between 180°C and 220°C for a period of 4 hours to 48 hours.

No. of Pages : 27 No. of Claims : 35

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.643/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INSTALLATION FOR TREATMENT OF OIL PALM FRUITS

(51) International classification :A23L3/00
(31) Priority Document No :PI 2012003015
(32) Priority Date :03/07/2012
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2013/000119
Filing Date :28/06/2013
(87) International Publication No :WO 2014/007602
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LEW Heng Mun
Address of Applicant :Lot 9683 Kawasan Perindustrian Desa Aman Batu 11 Desa Aman 47000 Sungai Buloh Selangor Malaysia
(72)**Name of Inventor :**
1)LEW Heng Mun

(57) Abstract :
An installation for treatment of harvested palm fruits using pressurized steam comprises a sterilizer unit and a steam supply unit working in combination. The sterilizer unit includes a vessel (10) having inlet (12) for charging in fruits steam openings (16a,16b,16c)) for receiving steam outlet (14) for dispensing treated fruits and a pivot (20) for tilting the vessel to various orientations. The steam supply unit includes a shaft (28) fixedly mounted onto the pivot (20) a pipeline (30) connected to end of the shaft and used for supplying steam a housing (32) connected to and rotatable about the pipeline a flange (38) to retain the housing in position and an elbow (54) connected to the housing such that the elbow can supply steam to the vessel from a fixed location.

No. of Pages : 21 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.661/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING ALUMINA

(51) International classification :C01F7/22,C01F7/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/RU2012/000631
Filing Date :01/08/2012
(87) International Publication No :WO 2014/021730
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU OBEDINENNAYA KOMPANIA RUSAL INZHENERNO TEKHNOLOGICHESKIY TSENTR
Address of Applicant :ul. Pogranichnikov 37 str. 1 Krasnoyarsk 660111 Russia
(72)**Name of Inventor :**
1)SENYUTA Aleksandr Sergeevich
2)PANOV Andrey Vladimirovich

(57) Abstract :
The invention relates to metallurgy particularly to acid methods for producing alumina and can be used in processing aluminum containing raw materials including those of a low grade. The method for producing alumina comprises treating aluminum containing raw materials with hydrochloric acid separating aluminum chloride hexahydrate crystals from the supernatant chloride solution and thermally decomposing said crystals in two stages to produce alumina. In order to increase the quality of alumina and decrease energy consumption while achieving high process productivity water vapor is continuously introduced during the second stage of thermal decomposition with a ratio of the total mass of the introduced water vapor to the mass of produced alumina equal to 0.2 5.7.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.779/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR MANUFACTURING A MINERAL-FIBRE-CONTAINING ELEMENT AND ELEMENT PRODUCED BY THAT METHOD

(51) International classification :D04H 1/72
(31) Priority Document No :09167034.9
(32) Priority Date :31/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/061151
Filing Date :30/07/2010
(87) International Publication No :WO 2011/012712
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROCKWOOL INTERNATIONAL A/S
Address of Applicant :584 HOVEDGADEN, DK-2640, HEDEHUSENE, DENMARK
(72)**Name of Inventor :**
1)ROSENBERG, GORM
2)CHRISTENSEN, KENN

(57) Abstract :
The invention relates to a method for manufacturing a mineral fibre-containing composite and the novel mineral fibre-containing element produced by that method. The invention also relates to apparatus suitable for carrying out the method of the invention.

No. of Pages : 34 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.796/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VEHICLE CONTROL DEVICE AND ROTATION DETECTION DEVICE USED IN SAME

(51) International classification :G01P 3/487
(31) Priority Document No :2009-170761
(32) Priority Date :22/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061955
Filing Date :15/07/2010
(87) International Publication No :WO 2011/010593
(61) 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 550-0003, Japan
(72)**Name of Inventor :**
1)SHIBATA, KIYOTAKE

(57) Abstract :
A vehicle control device capable of accomplishing a highly reliable vehicle control with the separation distance recognized correctly, even if a reduction or an error of the detecting capability occurs in the result of measurement by a separation distance measuring section for measuring the separation distance with an object such as inter-vehicle gap is provided. The control device includes a rotation detector for detecting the rotational speed of a vehicle wheel and a vehicle movement amount detecting section for detecting the amount of movement of a vehicle from an output signal thereof. The use is made of a separation distance measuring section such as a laser radar for measuring, on a non-contact basis, the separation distance between the vehicle and the object, and of a vehicle movement control section for controlling the movement of the vehicle using the separation distance and the vehicle movement amount.

No. of Pages : 67 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.813/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR MANUFACTURING PROPYLENE AND CATALYST FOR MANUFACTURING PROPYLENE •

(51) International classification :C07D
(31) Priority Document No :2009-177551
(32) Priority Date :30/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062855
Filing Date :29/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MITSUBISHI CHEMICAL CORPORATION
Address of Applicant :14-1 Shiba 4-chome Minato-ku Tokyo 108-0014 Japan
2)JGC CORPORATION
(72)**Name of Inventor :**
1)Masashi YAMAGUCHI
2)Yumiko YOSHIKAWA
3)Shinji IWADE
4)Tohru SETOYAMA
5)Atsushi OKITA
6)Kazunori HONDA
7)Chizu INAKI
8)Yusuke KUSANAGI

(57) Abstract :
There are provided a catalyst for manufacturing propylene which can keep stable activity for a prolonged period of time in manufacturing propylene by bringing an oxygen-containing compound into contact with the catalyst in the presence of an olefin having 4 or more carbon atoms and a method for manufacturing propylene using this catalyst for manufacturing propylene.

No. of Pages : 48 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.683/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND SYSTEM OF LUBRICATING CONSUMERS TO BE MONTORED VIA THEIR LUBRICANT

(51) International classification :F16N29/00,F16N29/04
(31) Priority Document No :61/678111
(32) Priority Date :01/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/DK2012/050300
Filing Date :16/08/2012
(87) International Publication No :WO 2014/019587
(61) 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
2)HENRIKSEN Daniel
(72)**Name of Inventor :**
1)SCHJOTT Simon
2)KORSGAARD NIELSEN Thomas
3)PEDERSEN Jan Hove
4)GUTT Sascha

(57) Abstract :
A method involves directing lubricant to different consumers which are to be monitored via their lubricant. The lubricant is drained through drain lines connected to the consumers and directed to a tank. At least some the lubricant in the drain lines or the consumers is extracted into extraction lines. Flow from the extraction lines is selectively directed to a measurement device which then measures a characteristic of the lubricant. A system for carrying out such a method is also provided wherein the system includes a multiplexer for selectively directing flow from the extraction lines.

No. of Pages : 17 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.782/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BUBBLE REDUCER FOR ELIMINATING GAS BUBBLES FROM A FLOW

(51) International classification :A61M 1/36
(31) Priority Document No :0950521-5
(32) Priority Date :03/07/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/050764
Filing Date :02/07/2010
(87) International Publication No :WO 2011/002410
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)EMBODY AB
Address of Applicant :C/O BERND STEGMAYR, ROTHOFFSVAGEN 7, SE-903 42 UMEA, SWEDEN;
(72)**Name of Inventor :**
1)JONSSON, PER
2)STEGMAYR, BERND
3)FORSBERG, ULF
4)STEGMAYR, CHRISTOPHER

(57) Abstract :
The present invention relates to a microbubble reducer for eliminating and/or removing bubbles of gas from a flow comprising non-Newtonian fluids, wherein the microbubble reducer comprises an inlet (10) at a low point, a curved duct means (4) comprising a gas outlet (5) at a high point, an outlet (6) at a low point, and a lumen (21) that runs through said inlet (10), said curved duct means (4), said gas outlet (5), and said outlet (6). Additionally, the present invention relates to methods for removing gas from a flow comprising non-Newtonian fluid(s) using the microbubble reducer, an apparatus comprising the microbubble reducer, and uses of the microbubble reducer pertaining to dialysis or similar treatments, inter alia hemodialysis, plasma exchange, for infusion of blood and other non-Newtonian fluids, and in a heart-lung machine.

No. of Pages : 36 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.798/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR IMPLEMENTING X2 HANDOVER

(51) International classification :H04M
(31) Priority Document No :200910158269.1
(32) Priority Date :23/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/071263
Filing Date :24/03/2010
(87) International Publication No :WO 2011/009305
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN, SHENZHEN, GUANGDONG, 518057, CHINA
(72)**Name of Inventor :**
1)WANG, DAFEI
2)SU, HONGTAO
3)LIU, LIN
4)SI, WEI

(57) Abstract :
The present disclosure discloses a method, apparatus and system for implementing an X2 handover. In the scheme of the present disclosure, a Base Station (BS) initiates, after having determined the need for a handover and detected that there exists an X2 connection between the BS and a target BS and that the BS and the target BS are within the management scope of a same MME, an X2 handover, if it is determined that there exists a connection between the target BS and the serving gateway connected with the BS according to acquired serving gateways connected with an other BS. Here, the term an/the other BS refers to one different from the BS determines the need for a handover, and includes the target BS designated for a handover. By using the scheme provided herein in which a determination on whether an X2 handover condition is currently met, that is, whether there exists a connection between the target BS and the serving gateway connected with the BS, is accurately made before the BS initiates a handover, and an X2 handover is initiated by the BS when the X2 handover condition is met, the present disclosure effectively avoids the possibility of the failure of an X2 handover, increases the success rate of an X2 handover, and provides excellent user experience.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.814/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LIGHT GUIDING DEVICE

(51) International classification :B64F
(31) Priority Document No :10 2009 035 451.4
(32) Priority Date :31/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/004627
Filing Date :28/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BARTENBACH Christian
Address of Applicant :Rans 2 6071 Aldrans/Innsbruck Austria
(72)**Name of Inventor :**
1)BARTENBACH Christian

(57) Abstract :
The present invention relates to a light guide device for the introduction of sunlight into the interior of a building having a multitude of movably mounted light deflection surfaces which are adjustable by control means depending on the position of the sun. According to the present invention the light deflecting surfaces of the light guide device are formed by serially arranged deflecting blades which may be swiveled about swivel axes which are approximately parallel to each other the blades being mounted on a blade holder which is rotatable about a rotational axis which is essentially perpendicular to the direction of the swivel axes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.679/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MOULD FOR MOLDING POSTS AND STRAPS IN A CAST ON STRAP MACHINE FOR BATTERY

(51) International classification :B22D19/04,B22D25/04
(31) Priority Document No :1211813.9
(32) Priority Date :04/07/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2013/051759
Filing Date :03/07/2013
(87) International Publication No :WO 2014/006401
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TBS ENGINEERING LIMITED
Address of Applicant :Units 5 to 8 Lansdown Industrial Estate Gloucester Road Cheltenham Gloucestershire GL51 8PL U.K.
(72)**Name of Inventor :**
1)BARGE Christopher
2)ORMEROD Mark

(57) Abstract :
A mould for moulding post and strap in a cast on strap machine includes a mould body having an upper surface a cavity in the upper surface for moulding a strap and an opening aligned with the cavity for receiving a water coolable insert for moulding a post. The opening extends through the mould with its mouth in the upper surface to enable the insert to be inserted into the opening through the mouth. The mould body further includes a removable plate for being received in the mouth to retain releasably the insert in the opening and for defining the cavity.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.712/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR THE REACTIVE EXTRUSION OF AN AMYLACEOUS MATERIAL IN THE PRESENCE OF A POLYPHOSPHATE SERVING AS A CROSS LINKING AGENT RESULTING PRODUCTS AND USES THEREOF

(51) International classification :C08B31/00
(31) Priority Document No :12 57436
(32) Priority Date :31/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/FR2013/051831
Filing Date :30/07/2013
(87) International Publication No :WO 2014/020274
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROQUETTE FRERES
Address of Applicant :1 Rue de la Haute Loge F 62136 Lestrem France
(72)**Name of Inventor :**
1)PARCQ Julien
2)SAINT LOUP Ren
3)WIATZ Vincent

(57) Abstract :
The invention relates to a method for the reactive extrusion of an amylaceous substance in the presence of a polyphosphate serving as a cross linking agent to the resulting products and to the uses thereof. The present invention relates to a method for the reactive extrusion of starch in the presence of a cross linking agent which is a polyphosphate in particular sodium trimetaphosphate which behaves like an effective substitute for glyoxal. Said method makes it possible to manage the competition between the destructuring and cross linking mechanisms of the amylaceous substance. The crystalline phase content of the cross linked starches is thus controlled in accordance with the specific needs of the final use.

No. of Pages : 39 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.763/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : 5-(3,4-DICHLORO-PHENYL)-N-(2-HYDROXY-CYCLOHEXY)-6-(2,2,2-TRIFLUORO-ETHOXY)-NICOTINAMIDE AND SALTS THEREOF AS HDL CHOLESTEROL RAISING AGENTS

(51) International classification :C07D 213/82
(31) Priority Document No :09170097.1
(32) Priority Date :11/09/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/063136
Filing Date :08/09/2010
(87) International Publication No :WO 2011/029827
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)F. HOFFMANN-LA ROCHE AG
Address of Applicant :GRENZACHERSTRASSE 124, CH-4070 BASEL, SWITZERLAND
(72)**Name of Inventor :**
1)ROEVER, STEPHAN
2)WRIGHT, MATTHEW

(57) Abstract :
The present invention relates to a compound of the formula in all its isomeric forms and pharmaceutically acceptable salts thereof, their manufacture, pharmaceutical compositions containing them and their use as medicaments for the treatment and/or prophylaxis of diseases which can be treated with HDL-cholesterol raising agents, such as preferably dyslipidemia, atherosclerosis and cardiovascular diseases.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2012

(21) Application No.812/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THERMAL MANAGEMENT SYSTEM VEHICLE AND ASSOCIATED METHOD

(51) International classification :B61C
(31) Priority Document No :61/228,966
(32) Priority Date :27/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043303
Filing Date :27/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)General Electric Company
Address of Applicant :1 River Road Schenectady New York 12345 UNITED STATES OF AMERICA .
(72)**Name of Inventor :**
1)BASTIEN Bertrand
2)KUMAR Ajith Kuttannair
3)YOUNG Henry Todd

(57) Abstract :
A system includes a cooling system having a cooling fluid for cooling an engine and a radiator fan motor; a dynamic braking system configured to supply electrical energy to the fan motor during a braking event: and a controller that is operable to direct the electrical energy from the dynamic braking system to the fan motor to cool the coolant to a predetermined minimum threshold temperature. A method includes switching a vehicle thermal management system from a first mode of operation in which the coolant is maintained at a steady operating temperature to a second mode of operation m which the coolant is cooled to a minimum threshold temperature.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.831/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD FOR AUTOMATICALLY IDENTIFYING POTENTIAL ISSUES WITH THE CONFIGURATION OF A NETWORK

(51) International classification :H04L 12/26
(31) Priority Document No :0911655.9
(32) Priority Date :06/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051116
Filing Date :06/07/2010
(87) International Publication No :WO 2011/004188
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OMNIFONE LTD
Address of Applicant :ISLAND STUDIOS, 47 BRITISH GROVE, LONDON W4 2NL (GB) U.K.
(72)**Name of Inventor :**
1)BLATCHFORD, DOMINIC
2)SANT, PHILIP

(57) Abstract :
A method, and an automated system or tool, for interrogating networks, and most significantly mobile networks, in order to identify network and gateway issues at the earliest point. The method uses the combination of a client device and a server to execute one or more test cases on the network and thereby determine those characteristics of the network which are relevant to the implementation of a network-based service on the said network. The network characteristics include one or more of data fidelity, protocol support, data timeout periods, data length restrictions and network performance.

No. of Pages : 25 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2014

(21) Application No.5979/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TURBINE GUIDE VANE WITH A THROTTLE ELEMENT

(51) International classification :F01D5/18,F01D9/02
(31) Priority Document No :12155394.5
(32) Priority Date :14/02/2012
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/075256
Filing Date :12/12/2012
(87) International Publication No :WO 2013/120560
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIEMENS AKTIENGESELLSCHAFT
Address of Applicant :Wittelsbacherplatz 2 80333 M¼nchen Germany
(72)**Name of Inventor :**
1)AHMAD Fathi
2)KURT Nihal
3)NITSCHE Mario
4)SCHLER Marco
5)VARNHOLT Andreas

(57) Abstract :
The invention relates to a turbine guide vane (10) having an aerodynamically bent vane airfoil (14) which has a channel system (28) equipped with a throttle element (32) said channel system comprising channel sections (26) for the guidance of coolant. In order to provide an alternative turbine guide vane (10) by means of which both a partial coolant flow flowing in the interior and a partial coolant flow guided out of the turbine guide vane (10) are adjustable it is proposed that the throttle element (32) is designed for the removal of coolant.

No. of Pages : 14 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015
(21) Application No.680/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DEVICE FOR ESTIMATING SERVICE LIFE AND METHOD FOR ESTIMATING SERVICE LIFE OF ROLLING BEARING

(51) International classification :G01M13/04
(31) Priority Document No :2012156113
(32) Priority Date :12/07/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/068428
Filing Date :04/07/2013
(87) International Publication No :WO 2014/010514
(61) 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)ITO Takashi
2)FUJITA Takumi

(57) Abstract :
A device for estimating the service life of a rolling bearing has: a swelling height estimation means (7) for estimating swelling height from the impression rolling surface in accordance with established rules on the basis of impression depth or impression size; and a service life estimation means (8) for estimating the service life of rolling bearings in accordance with established rules from the relationship between the estimated impression swelling height and the reduction in rolling fatigue service life and from the equivalent load. The service life estimation means calculates the service life of a rolling bearing using an impression correction coefficient that corresponds to contact pressure.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2014

(21) Application No.6805/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EASILY PURIFIABLE SYNTHON COMPOSITION

(51) International classification :A61K51/04,A61K51/12,C07B59/00
(31) Priority Document No :1205703.0
(32) Priority Date :30/03/2012
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2013/056720
Filing Date :28/03/2013
(87) International Publication No :WO 2013/144301
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GE HEALTHCARE LIMITED
Address of Applicant :Amersham Place Little Chalfont Buckinghamshire HP7 9NA U.K.
(72)**Name of Inventor :**
1)BHALLA Rajiv
2)JACKSON Alexander
3)SMITH Gareth

(57) Abstract :
The present invention relates to an improved [18F] labelled synthon composition, wherein the non-radio active impurities in said composition have been found to be more straightforward to remove than with known compositions comprising said [18F] labelled synthon. The resultant purified [18F] label led synthon therefore can be used in the production of a positron emission tomography (PET) tracer having improved properties for in vivo imaging. The invention also includes methods of imaging and/or diagnosis using the radiopharmaceutical compositions described.

No. of Pages : 24 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.817/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DISPLAY DEVICE FOR A DISPENSER FOR MEDICINAL PRODUCT DOSE AND USE THEREOF

(51) International classification :G06F 19/00
(31) Priority Document No :10 2009 036 004.2
(32) Priority Date :30/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/004572
Filing Date :27/07/2010
(87) International Publication No :WO 2011/012282
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER INTELLECTUAL PROPERTY GMBH
Address of Applicant :CREATIVE CAMPUS MONHEIM, ALFRED NOBEL-STR. 10, 40789 MONHEIM, GERMANY
(72)**Name of Inventor :**
1)HEIKE RANZE
2)MAYK KRESSE
3)SABINE LEIFELD
4)J–RG ELLIESEN
5)G–RAN WEBER
6)TOM REINHOLD
7)PARVIZ BAZARGANI

(57) Abstract :
In order to monitor the administration of medicament portions Ta in a reliable and simple manner, the invention provides a display device for a dispenser for medicament portions Ta, it being necessary to administer the medicament portions at regularly recurring reference administration times, and the display device comprising a display 1 and an electronic actuation means for the display, characterized in that the display comprises a first visualization means 30, 40 for displaying a first period of time between a first reference administration time and the current time, and the first reference administration time being distinguished in that the medicament portion has not been taken by the first reference administration time. (8)

No. of Pages : 89 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.836/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR CONTINUOUS DELIVERY OF WEB MATERIALS

(51) International classification :B65H 16/02
(31) Priority Document No :12/544,268
(32) Priority Date :20/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044938
Filing Date :10/08/2010
(87) International Publication No :WO 2011/022240
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE PROCTER & GAMBLE COMPANY
Address of Applicant :ONE PROCTER & GAMBLE PLAZA, CINCINNATI, OHIO 45202 USA..
(72)**Name of Inventor :**
1)BENNER JAMES JAY
2)HEALEY PATRICK JOHN
3)BERRIZBEITIA JOSE MAURICIO

(57) Abstract :
Apparatuses and methods for producing an absorbent article are provided. Generally, the apparatuses and methods allow for continuous delivering of a plurality of web material to downstream equipment during a manufacturing process. In some embodiments, the apparatuses and methods allow for simultaneously unwinding, splicing, and lamination of multiple rolls (100, 104, 110, 112, 304, 308, 336, 338) of web material (46, 47, 304, 306, 310) rotatably mounted to a frame and delivering the web material to various downstream manufacturing processes.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.711/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SMALL MOLECULE CATALYST FOR 5 HYDROXYMETHYLFURFURAL PRODUCTION FROM SACCHARIDES

(51) International classification :C07B41/04,C07D307/46
(31) Priority Document No :61/666067
(32) Priority Date :29/06/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SG2013/000272
Filing Date :01/07/2013
(87) International Publication No :WO 2014/003690
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NANYANG TECHNOLOGICAL UNIVERSITY
Address of Applicant :50 Nanyang Avenue Singapore 639798 Singapore
(72)**Name of Inventor :**
1)LOH Teck Peng
2)WANG Peng
3)LUKAMTO Daniel Hartoyo

(57) Abstract :
The disclosure provides the use of aryl or heteroaryl boronic acid in the preparation of 5 -(hydroxymethyl)fufural (HMF) from saccharides. The aryl or heteroaryl boronic bearing electron withdrawing groups on the aryl or heteroaryl ring of the boronic acid provided good yields. The disclosure provides a method for preparing HMF from saccharides in the presence of aryl or heteroaryl boronic acid. The disclosure provides a method for converting a saccharide other than fructose in fructose via a dehydrogenation reaction catalyzed by aryl or heteroaryl boronic acid.

No. of Pages : 88 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.780/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR MANUFACTURING AN AEROGEL-CONTAINING COMPOSITE AND COMPOSITE PRODUCED BY THAT METHOD

(51) International classification :C04B 26/02
(31) Priority Document No :09167033.1
(32) Priority Date :31/07/2010
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/061149
Filing Date :30/07/2010
(87) International Publication No :WO 2011/012710
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ROCKWOOL INTERNATIONAL A/S
Address of Applicant :584 HOVEDGADEN, DK-2640, HEDEHUSENE, DENMARK
(72)**Name of Inventor :**
1)JORGENSEN, KRISTIAN SKOVGARD
2)BAUER, ULRICH
3)ROSENBERG, GORM
4)CHRISTENSEN, KENN

(57) Abstract :
The invention relates to a method for manufacturing an insulating composite containing mineral fibers, aerogel and binder. This method implies the step of suspending the fiber webs and aerosol in an air flow thereby disentangling the fiber webs and mixing fibers, aerosol and eventually binder homogeneously. The apparatus described combines spinning of the fibers, collecting them as webs, disentangling the fiber webs in suspended air, mixing the fibers with aerogel and cement as well as pressing and curing the mixture to a consolidated product of density 150 to 800 kg/m3.

No. of Pages : 48 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.797/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HUMAN MONOCLONAL ANTIBODY AGAINST S. AUREUS DERIVED ALPHA-TOXIN AND ITS USE IN TREATING OR PREVENTING ABSCESS FORMATION

(51) International classification :C07K 16/12
(31) Priority Document No :09010311.0
(32) Priority Date :10/08/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/004884
Filing Date :10/08/2010
(87) International Publication No :WO 2011/018208
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KENTA BIOTECH AG
Address of Applicant :REHHAGSTRASSE 79, CH-3018 BERN (CH) SWITZERLAND
(72)**Name of Inventor :**
1)RUDOLF, MICHAEL
2)KOCH, HOLGER

(57) Abstract :
The present invention relates to a human monoclonal antibody specific for the alpha-toxin of S. aureus and a hybridoma producing said monoclonal antibody. In addition, the present invention relates to pharmaceutical compositions comprising at least one antibody or at least one nucleic acid encoding said antibody. Further, the present invention relates to the use of said monoclonal antibody for treating or preventing abscess formation.

No. of Pages : 51 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.815/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A ROTARY CUTTING TOOL •

(51) International classification :H01K
(31) Priority Document No :09/969,234
(32) Priority Date :02/10/2001
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US02/30136
Filing Date :20/09/2002
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :621/DELNP/2004
Filed on :11/03/2004

(71)**Name of Applicant :**
1)KENNAMETAL INC.
Address of Applicant :1600 Technology Way Latrobe Pennsylvania 15650-0231 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)ROBERT ALFRED ERICKSON

(57) Abstract :
A separable rotary cutting tool is disclosed. The tool comprises a shank and a head. The shank has a receiver comprised of a shank guide at a trailing end of the receiver opposing shank drive keys at a leading end of the receiver and a shank locator located axially between the shank guide and the shank drive keys. The shank drive keys each comprises an axially extending shank drive key radial stop surface that is disposed at an angle relative to a plane extending through a central axis of the receiver. The head has a connector comprised of a head guide at a trailing end of the connector opposing head drive keys at a leading end of the connector and a head locator located axially between the head guide and the head drive keys.

No. of Pages : 25 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.834/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SAMPLE PLATE

(51) International classification :B01L 3/00
(31) Priority Document No :0913258.0
(32) Priority Date :29/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/001443
Filing Date :29/07/2010
(87) International Publication No :WO 2011/012859
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DYNEX TECHNOLOGIES, INC.
Address of Applicant :14340 SULLYFIELD CIRCLE, CHANTILLY, VIRGINIA 20151-1621, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)BUNCE, ADRIAN
2)FUSELLIER, ANDREW

(57) Abstract :
A sample plate is disclosed comprising a plurality of sample wells (19). Each sample well (19) comprises a plurality of pockets (21) into which reagent beads or microspheres (20A, 20B) are inserted by a reagent bead or microsphere dispenser. The reagent beads or microspheres may be coated with an antibody or antigen enabling multiplexed ELISA procedures to be performed. Alternatively, the reagent beads may be coated with a DNA or RNA sequence to act as a hybridization probe to test for the presence of a complementary DNA or RNA sequence.

No. of Pages : 62 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/11/2009

(21) Application No.7373/DELNP/2009 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD OF ASSIGNING SYSTEM RESOURCES IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04W
(31) Priority Document No :60/516,558
(32) Priority Date :30/10/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/036285
Filing Date :28/10/2004
(87) International Publication No :WO 2005/043948
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :2299/DELNP/2006
Filed on :26/04/2006

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 MOREHOUSE DRIVE, SAN DIEGO, CALIFORNIA 92121-1714, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)TINGFANG JI
2)AVNEESH AGRAWAL
3)EDWARD H. TEAGUE

(57) Abstract :
A method of assigning system resources in a wireless communication system, comprising: forming a plurality of sets of constrained system resources from among total available system resources, wherein each set of constrained system resources overlaps with each remaining one of the plurality of sets of constrained system resources; forming a plurality of sets of usable system resources from among the total available system resources, wherein each set of usable system resources is associated with, and orthogonal to, at least one of the plurality of sets of constrained system resources; and assigning the plurality of sets of usable system resources and the plurality of sets of constrained system resources to a plurality of base stations, wherein each base station is assigned one set of usable system resources and the at least one associated set of constrained system resources.

No. of Pages : 38 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.770/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INDOLE DERIVATIVE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF

(51) International classification :C07D 209/18
(31) Priority Document No :2009-173852
(32) Priority Date :27/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062532
Filing Date :26/07/2010
(87) International Publication No :WO 2011/013623
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KISSEI PHARMACEUTICAL CO., LTD.
Address of Applicant :19-48, YOSHINO, MATSUMOTO-SHI, NAGANO 399-8710 Japan
(72)**Name of Inventor :**
1)TATSUHIRO KONDO
2)ATSUSHI KONDO
3)KAZUYA TATANI
4)NAOHIRO KAWAMURA

(57) Abstract :
A compound represented by the general formula (I) of the present invention, which has an EP1 receptor antagonism: [Chem.] [wherein A represents a benzene ring or the like; Y represents a C1-6 alkylene group or the like; RN represents a hydrogen atom or a C1-6 alkyl group; R1 represents a hydrogen atom, a C1-6 alkyl group or the like; R2 represents a phenyl group which may have a substituent, a 5-membered aromatic heterocyclic group which may have a substituent, a 6-membered aromatic heterocyclic group which may have a substituent or the like;R3 represents a halogen atom, a C1-6 alkoxy group or the like; R4 represents a hydrogen atom or the like; and R5 represents a hydrogen atom or the like] or a pharmaceutically acceptable salt thereof is provided. Furthermore, the compound (I) of the present invention can be used as an agent for treating or preventing LUTS, in particular, various symptoms of OABs.

No. of Pages : 230 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.786/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS AND APPARATUS FOR IMPROVING PLANT GROWTH

(51) International classification :A01G 9/00
(31) Priority Document No :61/269,779
(32) Priority Date :29/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001866
Filing Date :29/06/2010
(87) International Publication No :WO 2011/008244
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ARTHUR HENRY ADAMS
Address of Applicant :70 N CATALINA AVE, APT #205, PASADENA, CA 91106-2353, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)ARTHUR HENRY ADAMS

(57) Abstract :
A mechanical device including two concentric space frame structures is used to enhance plant growth. Essentially identical in shape but with the inner space frame smaller than the outer by a 4:5 relationship the space frame structures independently rotate about a common axes line. Each space frame consists of a right square pyramid of rods with its apex pointing upward and a second similar pyramid directly below it by a distance approximately two and one half times the length of each rod comprising the pyramid. The second, lower pyramid however has its apex pointing downward and is turned 45-degrees about a line connecting the two apex points. Eight additional rods complete each space frame. They each, respectively connect a corner of the upper pyramid base to a corner of the lower pyramid base in a manner that is symmetric.

No. of Pages : 39 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.803/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLAVIN DERIVATIVES

(51) International classification :C07D 237/00
(31) Priority Document No :61/221,937
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US 2010/001876
Filing Date :30/06/2010
(87) International Publication No :WO 2011/008247
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BIORELIX, INC.
Address of Applicant :5 SCIENCE PARK, 401 WINCHESTER AVENUE, NEW HAVEN, CT 06511, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)PHILIP D.G. COISH
2)PHILIP WICKENS
3)STEPHANIE AVOLA
4)NICK BABOULAS
5)ANGELICA BELLO
6)JUDD BERMAN
7)HARPREET KAUR
8)DAVID MOON
9)VINH PHAM
10)ANDREW ROUGHTON
11)JEFFREY WILSON
12)PAUL ADRIAN ARISTOFF
13)BRIAN R. DIXON
14)KENNETH F. BLOUNT
15)JAYHYUK MYUNG
16)DAVID OSTERMAN
17)THOMAS R. BELLIOTTI
18)ROBERT A. CHRUSCIEL
19)BRUCE R. EVANS
20)JEFFREY A. LEIBY
21)HEINRICH J. SCHOSTAREZ
22)DENNIS UNDERWOOD
23)MANUEL NAVIA
24)FRANK SCIAVOLINO

(57) Abstract :
The present invention relates novel flavin derivatives and other flavin derivatives, their use and compositions for use as riboswitch ligands and/or anti-infectives. The invention also provides method of making novel flavin derivatives.

No. of Pages : 385 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.839/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STORAGE SYSTEM PROVIDING VIRTUAL VOLUMES

(51) International classification :G06F 3/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2010/007207
Filing Date :24/12/2009
(87) International Publication No :WO 2011/077489
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI, LTD.
Address of Applicant :6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU, TOKYO 100-8280, Japan
(72)**Name of Inventor :**
1)ORIKASA DAISUKE
2)MATSUDA KEN
3)TAKATA YUTAKA
4)EGUCHI YOSHIAKI
5)SATOYAMA AI
6)MIZUNO YOICHI

(57) Abstract :
Multiple storage area groups into which multiple storage areas provided by multiple storage devices are classified with reference to storage area attributes are managed. The multiple logical volumes to which, in accordance with a write request to at least one address included in multiple addresses in the logical volume, at least one storage area included in the multiple storage areas is allocated are provided. In accordance with the access condition of the at least one address in the logical volume, the data written to the at least one address by the write request is migrated from the at least one storage area included in one of the multiple storage area groups to at least one storage area in another storage area group included in the multiple storage area groups.

No. of Pages : 178 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.771/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SLIDING BEARING

(51) International classification :F16C 33/10
(31) Priority Document No :2009-176523
(32) Priority Date :29/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061438
Filing Date :06/07/2010
(87) International Publication No :WO 2011/013482
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TAIHO KOGYO CO., LTD.
Address of Applicant :65, MIDORIGAOKA 3-CHOME, TOYOTA-SHI, AICHI 471-8502, Japan
(72)**Name of Inventor :**
1)MASARU KONDO
2)KENJI WATANABE
3)YUKIYASU TAGUCHI

(57) Abstract :
A sliding bearing 1 is formed cylindrically of a pair of half bearings 11 and 12. A dust pocket 4 formed of a recess part is formed in the inner peripheral edges of joining surfaces 11A and 12A of the half bearings 11 and 12, and foreign-substance discharge grooves 5 and 5' are formed in a sliding surface 3 continuing from the dust pocket 4. When lubricant oil is supplied to the dust pocket 4, foreign substances 6 mixed in the lubricant oil are caught by the dust pocket 4 and then, discharged efficiently to the outside of the sliding bearing 1 through the foreign-substance discharge grooves 5 and 5'. The sliding bearing 1 having favorable foreign-substance discharging performances can be provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012
(21) Application No.787/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING A NUTRIENT SOLUTION FOR WATERING AND/OR FEEDING CULTIVATED PLANTS

(51) International classification :A01G 7/02
(31) Priority Document No :2009124505
(32) Priority Date :29/06/2009
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2010/000272
Filing Date :27/05/2010
(87) International Publication No :WO 2011/002336
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIZIENKO, YURI KONSTANTINOVICH
Address of Applicant :RUSSIAN FEDERATION, 142190, MOSKOVSKAYA OBL., TROITSK, SIRENEVY BULVAR 5, KV. 124, RUSSIA
2)BELILOVSKY, VIKTOR ABRAMOVICH
(72)**Name of Inventor :**
1)NIZIENKO, YURI KONSTANTINOVICH
2)BELILOVSKY, VIKTOR ABRAMOVICH

(57) Abstract :
The invention is related to agriculture, in particular to the setup of greenhouse centers for cultivating vegetables and flowers, for example, in raised beds, but it can also be used for cultivating plants on open land. The claimed method involves the dissolution (in saturator 1) of CO2 from compressed air in water with formation of chemical bonds, and then the resulting volume of nutrient solution from saturator 1 is used for watering the plants (in particular, through a watering-and-feeding irrigation system). The purified carbon dioxide gas is extracted from atmospheric air by pumping it into saturator 1 with the help of, for instance, compressor 3. The volume of saturator 1 is first (before the air is pumped in) is filled with water so that an air pocket - cavity 6 - can form. The air is then pumped into saturator 1 until the pressure in cavity 6 exceeds atmospheric pressure. After that, using pressure relief valve 8, air depleted of CO2 by partial dissolution in water is emitted from the aforesaid cavity 6 into the atmosphere while compressed air from compressor 3 is pumped through at the same time. Thus the air pressure created previously in cavity 6 is maintained until a nutrient solution with the necessary concentration of dissolved carbon dioxide gas is obtained. The optimum air pressure to be maintained in cavity 6 of saturator 1 is preferably within the range of 5 to 10 atmospheres. It is practical to supply the air into saturator 1 through the bottom part of saturator 1 under pressure sufficient to force it into air cavity 6 of saturator 1 through the volume of the water column. To produce the nutrient solution, it is advisable to use water that is free of contaminants, preferably distilled or filtered through a membrane by reverse osmosis. As a rule, the saturator's volume is pre-filled with water chilled to a temperature below ambient. 1 independent claim and 4 subclaims, 1 illustration

No. of Pages : 18 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.822/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ROLLER,PARTICULARLY STANDING ROLLER FOR A MAIL DISTRIBUTION SYSTEM

(51) International classification :B65G 39/09
(31) Priority Document No :09009870.8
(32) Priority Date :30/07/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/060544
Filing Date :21/07/2010
(87) International Publication No :WO 2011/012512
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AKTIEBOLAGET SKF
Address of Applicant :S-415 50 GOTEBORG, SWEDEN
(72)**Name of Inventor :**
1)HENNING KERN

(57) Abstract :
The invention relates to a roller, in particular stationary roller for a mail distribution system, including a pedestal (3), a roller tube (23) and at least one roller bearing (33) rotatably bearing the roller tube (23) relative to the pedestal (3), and further including an axle body (9), on which the roller tube (23) is rotatably borne by the at least one roller bearing (33) and which is attached to the pedestal (3) by a fixable spherical plain bearing (11).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.841/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR PLASMA COMPRESSION WITH RECYCLING OF PROJECTILES

(51) International classification :G21B 3/00
(31) Priority Document No :61/229,355
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043587
Filing Date :28/07/2010
(87) International Publication No :WO 2011/014577
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL FUSION, INC.
Address of Applicant :108-3680 BONNEVILLE PLACE BURNABY BRITISH COLMUBIA V3N 4T5 (CA) Canada
(72)**Name of Inventor :**
1)HOWARD, STEPHEN, JAMES

(57) Abstract :
Embodiments of systems and methods for compressing plasma are disclosed in which plasma can be compressed by impact of a projectile on a magnetized plasma in a liquid metal cavity. The projectile can melt in the liquid metal cavity, and liquid metal may be recycled to form new projectiles.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.671/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXHAUST PURIFICATION DEVICE OF INTERNAL COMBUSTION ENGINE

(51) International classification :F01N3/08,F02D41/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2012/069218
Filing Date :27/07/2012
(87) International Publication No :WO 2014/016965
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TOYOTA JIDOSHA KABUSHIKI KAISHA
Address of Applicant :1 Toyotacho Toyota shi Aichi 4718571 Japan
(72)**Name of Inventor :**
1)BISAIJI Yuki
2)YOSHIDA Kohei
3)SAKURAI Kenji
4)NAKAMURA Kohki

(57) Abstract :
According to the present invention a ternary catalyst (20) and an NO storage catalyst (22) are disposed in an engine exhaust passage. In a pre established low load operation area of the engine combustion is performed with a lean base air fuel ratio in a combustion chamber (5) and a rich air fuel ratio is used in the combustion chamber (5) when NO is to be emitted from the NO storage catalyst (22). In a pre established high load operation area of the engine feedback control is performed to bring the air fuel ratio in the combustion chamber (5) to a theoretical air fuel ratio. In a pre established medium load operation area of the engine combustion is performed in the combustion chamber (5) with a lower base air fuel ratio than the base air fuel ratio in the low load operation area of the engine and a richer air fuel ratio is used in the combustion chamber (5) with a shorter cycle than the rich air fuel ratio cycle for NO emission in the low load operation area of the engine.

No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2014

(21) Application No.6882/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE

(51) International classification	:B60W20/00,B60W10/06,B60W10/08
(31) Priority Document No	:10 2012 208 461.4
(32) Priority Date	:21/05/2012
(33) Name of priority country	:Germany
(86) International Application No Filing Date	:PCT/EP2013/057074 :04/04/2013
(87) International Publication No	:WO 2013/174564
(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)ROBERT BOSCH GMBH
Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(72)**Name of Inventor :**
1)REUTER Axel
2)SCHMIDT Matthias

(57) Abstract :
Method for operating a drive train which comprises an electrical machine (1) for generating a mechanical setpoint torque (MEMS setp) which corresponds to an electrical desired power (PE), in which method the electrical desired power (PE) is predefined as a function of a State of charge (SOC) of a power battery (3), wherein the electrical desired power (PE) is independent of the State of charge (SOC) of the power battery (3) if the State of charge (SOC) of the power battery (3) is in a plateau region (230).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.823/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TYRE FOR HEAVY GOODS VEHICLE HAVING A REINFORCED BEAD

(51) International classification :B60C 15/06
(31) Priority Document No :0955331
(32) Priority Date :30/07/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/060861
Filing Date :27/07/2010
(87) International Publication No :WO 2011/012606
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOCIETE DE TECHNOLOGIE MICHELIN
Address of Applicant :23 RUE BRESCHET F-63000, CLERMONT-FERRAND, FRANCE
2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(72)**Name of Inventor :**
1)PHILIPPE JOHNSON
2)BOPHA GRISIN
3)OLIVIER LENEPVEU

(57) Abstract :
Tyre (10) for a heavy goods vehicle comprising a radial carcass reinforcement (60) anchored in each of the beads (50) to an anchoring structure (700), comprising a circumferential reinforcement (70), the carcass reinforcement (60) being partially wrapped around the anchoring structure (700), the tyre (10) also comprising a coupling reinforcement (150) comprising a first part (151) in contact with the carcass reinforcement (60) and being extended by a second part (152) in contact with the anchoring structure (700) as far as a point (157) radially on the outside of the anchoring structure (700), located axially between the axially innermost point (702) and the axially outermost point (704) of the anchoring structure (700), the tyre (10) also comprising a stiffening reinforcement (160) surrounding the coupling reinforcement (150) and running radially on the inside of the anchoring structure (700) and of the coupling reinforcement (150), wherein the axially outside end point (166) of said stiffening reinforcement (160) is located at a radial distance DR from the radially innermost point (73) of the circumferential reinforcement (70), the radial distance DR being greater than or equal to 0.2 times and less than or equal to 0.6 times the distance DC between the radially outermost and radially innermost points (62, 63) of the carcass reinforcement, and wherein, radially on the outside of the anchoring structure (700), the minimum distance DT between the axially external portion (162) of the stiffening reinforcement (160) and the carcass reinforcement (60) is greater than or equal to 2 mm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.842/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MEASURING ATTRIBUTES OF CLIENT-SERVER APPLICATIONS

(51) International classification :H04L 29/08
(31) Priority Document No :12/551,128
(32) Priority Date :31/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040302
Filing Date :29/06/2010
(87) International Publication No :WO 2011/025583
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CISCO TECHNOLOGY, INC.
Address of Applicant :170 WEST TASMAN DRIVE, SAN JOSE, CALIFORNIA 95134 (US). U.S.A.
(72)**Name of Inventor :**
1)PORTOLANI, MAURIZIO

(57) Abstract :
In an embodiment, a packet data switching system comprises content-addressable memory configured to redirect, to a measurement computer, a request to access a server application program hosted at a server computer in response to receiving the request from a client computer; the measurement computer comprises request rewriting logic configured to receive the request via redirection based on the CAM, to record a first time value representing a time of receiving the request, to forward the request to the server application, to receive a response from the server computer to the request, to rewrite a payload of the response by embedding a browser-executable measurement reporting script into the payload, and to forward the rewritten response to the client; performance recording logic configured to receive a second time value from the client based on the client computer executing the measurement reporting script, and to store a performance record with the time values.

No. of Pages : 27 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.706/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AIRCRAFT CARGO COMPARTMENT CONTAINER CRANE SYSTEM

(51) International classification :B64C1/22,B64D9/00,B66C17/06
(31) Priority Document No :13/646900
(32) Priority Date :08/10/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/061495
Filing Date :24/09/2013
(87) International Publication No :WO 2014/058614
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)THE BOEING COMPANY
Address of Applicant :100 North Riverside Plaza Chicago Illinois 60606 2016 U.S.A.
(72)**Name of Inventor :**
1)SANKRITHI Mithra M.K.V.

(57) Abstract :
An aircraft cargo compartment container crane system including an aircraft having an upper passenger compartment and at least one lower cargo compartment wherein the passenger compartment and the cargo compartment are separated by a floor and a crane assembly connected to a structural element of the cargo compartment beneath the floor wherein the crane assembly is configured to lift and move a cargo container within the cargo compartment along a longitudinal axis of the aircraft.

No. of Pages : 37 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.791/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VACCINES AND COMPOSITIONS AGAINST STREPTOCOCCUS PNEUMONIAE

(51) International classification :A61K 38/02
(31) Priority Document No :61/221,541
(32) Priority Date :29/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040406
Filing Date :29/06/2010
(87) International Publication No :WO 2011/008548
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENOCEA BIOSCIENCES INC.
Address of Applicant :161 FIRST STREET, SUITE 2C, CAMBRIDGE, MA 02142, UNITED STATES OF AMERICA
2)CHILDREN'S MEDICAL CENTER CORPORATION
(72)**Name of Inventor :**
1)GIERAHN, TODD
2)MALLEY, RICHARD

(57) Abstract :
Streptococcus pneumoniae is a major health concern, especially in very young, elderly, or immunocompromised patients. The present disclosure provides, inter alia, certain highly effective vaccines and pharmaceutical compositions in Streptococcus pneumoniae. The antigens may be used therapeutically or prophylactically.

No. of Pages : 173 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.807/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BEARING APPARATUS

(51) International classification :F16C 33/10
(31) Priority Document No :2009-176522
(32) Priority Date :29/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/061437
Filing Date :06/07/2010
(87) International Publication No :WO 2011/013481
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TAIHO KOGYO CO., LTD.
Address of Applicant :65, MIDORIGAOKA 3-CHOME, TOYOTA-SHI AICHI 471-8502, Japan
(72)**Name of Inventor :**
1)MASARU KONDO
2)KENJI WATANAABE
3)YUKIYASHU TAGUCHI

(57) Abstract :
A sliding bearing 4 is formed in the shape of a cylinder by joining joining surfaces 11A and 12A of a pair of half bearings 11 and 12 together. A through hole 7 is formed in the position of the joining surfaces 11A and 12A in such a manner that the through hole 7 coincides with the trajectory of movement of a lubrication hole 3A in a crankpin 3. A foreign particle discharge groove 8 is formed in an outer circumferential surface of the sliding bearing 4 along the axial direction leading from the through hole 7. When the crankpin 3 is rotated, a lubricant is directly supplied into the through hole 7 as well through the lubrication hole 3A. Foreign particles 15 contained in the lubricant pass through the through hole 7 and are then discharged to the outside the sliding bearing 4 through the foreign particle discharge groove 8. Thus, a sliding bearing 4 that can smoothly discharge foreign particles can be provided.

No. of Pages : 36 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.824/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ORAL CARE SYSTEM

(51) International classification :A61C 17/028
(31) Priority Document No :61/229,839
(32) Priority Date :30/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043674
Filing Date :29/07/2010
(87) International Publication No :WO 2011/014628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MCNEIL-PPC, INC.
Address of Applicant :199 GRANDVIEW ROAD, SKILLMAN, NJ 08558, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)ROBERT W. FUSI II
2)RICHARD J. FOUGERE
3)HAROLD D. OCHS
4)JUSTIN MCDONOUGH
5)MEGHA REDDY
6)CURT BINNER

(57) Abstract :
An oral care system that provides a beneficial effect to an oral cavity of a mammal by using a liquid effective for providing the beneficial effect, where the system includes means for directing the liquid onto a plurality of surfaces of the oral cavity, means for providing the liquid to the means for directing the liquid onto the surfaces of the oral cavity, means for providing reciprocation of the liquid over the plurality of surfaces under conditions effective to provide the beneficial effect; and a reservoir for containing the liquid.

No. of Pages : 87 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012
(21) Application No.843/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BAG IN BOX PACKING HAVING A TAP ARTICULATING ASSEMBLY

(51) International classification :B65D 77/06
(31) Priority Document No :61/269,868
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040662
Filing Date :30/06/2010
(87) International Publication No :WO 2011/002925
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SCHOLLE CORPORATION
Address of Applicant :19520 JAMBOREE ROAD IRVINE, CA 92612-2457 U.S.A.
(72)**Name of Inventor :**
1)EDWARDS, SIMON

(57) Abstract :
A bag in box packaging comprising an outer box, an inner bag and a tap. The outer box has a bottom wall and a front wall with an opening toward the lower end thereof. The inner bag has a spout with a tap. The a tap articulating assembly includes a tap wall and at least two hinge assemblies. The tap wall has an opening with the tap extending through the opening. The hinge assemblies each have a first hinge panel and a second hinge panel. The first and second hinge panels of each hinge assembly are joined to each other at an intermediate hinge fold, with the first hinge panel joined to the tap wall at an inner hinge fold and to one of the front wall and a respective side wall at an outer hinge fold. The first hinge assembly being spaced apart from the second hinge assembly. The hinge assembly provides for a shipping orientation wherein the tap wall is recessed so as to substantially retain the tap within a footprint of the outer box to an dispensing orientation wherein the tap extends beyond the footprint of the outer box.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012
(21) Application No.811/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SLAB FORMWORK SYSTEM

(51) International classification :E04G 11/38
(31) Priority Document No :PI 20092760
(32) Priority Date :29/06/2009
(33) Name of priority country :Malaysia
(86) International Application No :PCT/MY2010/000053
Filing Date :13/04/2010
(87) International Publication No :WO 2011/002271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KHOO, TIAN
Address of Applicant :2, JALAN 2/109, TAMAN DESA, 58100 KUALA LUMPUR, MALAYSIA
(72)**Name of Inventor :**
1)KHOO, TIAN

(57) Abstract :
A slab formwork system (100), consisting of a plurality of vertical supports supporting a plurality of panels is pro-vided characterized in that the slab formwork system (100) includes a plurality of vertical main members (101,102,103) whose height is adjustable by an operator such that each top of the vertical main member (101,102,103) is at the same level when refer¬enced from an imaginary lower horizontal line, at least one primary bearer (301), wherein the primary bearer (301) is supported by the plurality of vertical main members (101,102,103) wherein each vertical main member (101,102,103) is perpendicular to each primary bearer (301), a pair of adjustable struts (246) in each vertical main member (101,102,103), wherein each adjustable strut (246) is diagonally connectable to the vertical main member (101,102,103) and the primary bearer (301), a plurality of height adjustable props (502) connectable perpendicularly to at least one filler panel (410), a plurality of secondary bearers (303) where¬in the secondary bearers (303) are disposed perpendicular on top of the primary bearers (301), a longitudinally extendable element (315) connectable to terminal end of the primary bearer (301) supported by a plurality of vertical main members (103) and a plu¬rality of panels (407) assembled on top of the secondary bearers (303) to receive concrete wherein each filler panel (410) is dis¬posed between at least two panels (407).

No. of Pages : 37 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.830/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THERMOELECTRIC-BASED POWER GENERATION SYSTEMS AND METHODS

(51) International classification :H01L 35/30
(31) Priority Document No :61/228,528
(32) Priority Date :24/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043278
Filing Date :26/07/2010
(87) International Publication No :WO 2011/011795
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BSST LLC
Address of Applicant :5462 IRWINDALE AVENUE, IRWINDALE, CA 91706-2058, UNITED STATES OF AMERICA .
(72)**Name of Inventor :**
1)BELL, LON, E.
2)CRANE, DOUGLAS, T.
3)LAGRANDEUR, JOHN
4)VAN, HEERDEN, DAVID

(57) Abstract :
Some embodiments provide a waste heat recovery apparatus including an exhaust tube having a cylindrical outer shell configured to contain a flow of exhaust fluid; a first heat exchanger extending through a first region of the exhaust tube, the first heat exchanger in thermal communication with the cylindrical outer shell; a second region of the exhaust tube extending through the exhaust tube, the second region having a low exhaust fluid pressure drop; an exhaust valve operatively disposed within the second region and configured to allow exhaust fluid to flow through the second region only when a flow rate of the exhaust fluid becomes great enough to result in back pressure beyond an allowable limit; and a plurality of thermoelectric elements in thermal communication with an outer surface of the outer shell.

No. of Pages : 65 No. of Claims : 15

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

(21) Application No.869/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SOFT ARMOR PANEL •

(51) International classification :D02G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION
Address of Applicant :Ministry of Defence, Govt of India, Room No 348, B-Wing, DRDO Bhawan, Rajaji Marg, New Delhi - 110011 India
(72)**Name of Inventor :**
1)Amit Kumar
2)Rajesh Kumar Tiwari
3)Arvind Kumar Saxena

(57) Abstract :
The soft armor panel (SAP) developed comprises of soft ballistic layers of UHMWPE UD pre-impregnated fabric (Dyneema grade SB51 UD ballistic pre-impregnated fabric) impact dampening materials & shock absorbing material. The SAP structure has threat side and wearer side. The wearer side has the trauma pad whereas threat side has combination of layers of UHMWPE UD fabric (Dyneema grade SB51 UD ballistic pre-impregnated fabric) and impact dampening materials. The SAPs were fabricated using optimized configuration design. The 2D templates were designed for cutting in size & shape for components of SAP i.e. Front, Back, Groin etc to provide 360o protection to wearer. After fabrication all SAPs are housed using the water resistant fabrics and properly heat sealed. The soft armor panel provides protection from 9X19mm parabellum (KF) ammunition with velocity range 397±15 m/s from a minimum distance of 5 m. The achieved back face signature, measured as per NIJ standards, is less than 25 mm.

No. of Pages : 25 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.656/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : USE OF A LIGNIN FOR THE MECHANICAL REINFORCEMENT OF AN ELASTOMER AND ELASTOMER THUS REINFORCED

(51) International classification :C08H7/00,C08L23/16,C08L97/00
(31) Priority Document No :1256889
(32) Priority Date :17/07/2012
(33) Name of priority country :France
(86) International Application No :PCT/EP2013/064992
Filing Date :16/07/2013
(87) International Publication No :WO 2014/012924
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETALE
Address of Applicant :11 rue Louis Philippe F 92200 Neuilly sur Seine France
(72)**Name of Inventor :**
1)BENJELLOUN MLAYAH Bouchra
2)DELMAS Michel

(57) Abstract :
The invention provides a use for the mechanical reinforcement of elastomer polymers of a chemically unmodified lignin with available functional groups which has a specific surface area of between 0.5 m/g and 5 m/g and preferably between 1 m/g and 2.5 m/g. The invention also provides an elastomer thus reinforced in particular without carbon black.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.707/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD FOR CONTROLLING A CHILLER SYSTEM

(51) International classification :F25B49/02,G05B13/02
(31) Priority Document No :PA 2012 00544
(32) Priority Date :31/08/2012
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2013/050239
Filing Date :12/07/2013
(87) International Publication No :WO 2014/032672
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DANFOSS A/S
Address of Applicant :Nordborgvej 81 DK 6430 Nordborg Denmark
(72)**Name of Inventor :**
1)PRINS Jan

(57) Abstract :
A method for controlling a chiller system (1) the chiller system (1) comprising a primary side in the form of a vapour compression system and a secondary side is disclosed. The secondary side comprises a variable speed pump (8) for providing a secondary fluid flow through the evaporator (5) of the primary side in such a manner that heat exchange takes place between refrigerant of the primary side and fluid of the secondary side in the evaporator (5) the secondary side further comprising a temperature sensor (9,10) arranged in the secondary fluid flow. The method comprises the steps of monitoring a temperature of the secondary fluid flow by means of the temperature sensor (9,10) and controlling the compressor capacity and the speed of the variable speed pump (8) on the basis of the monitored temperature and in order to obtain a predetermined setpoint temperature in such a manner that the closed loop gain of the chiller system (1) K= K.K where K is the gain of the compressor capacity controller and K is the gain of the evaporator (5) is kept substantially constant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.774/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INFORMATION PROCESSING APPARATUS, INFORMATION PROCESSING METHOD, OPERATION TERMINAL , AND INFORMATION PROCESSING SYSTEM

(51) International classification :H04L 9/08
(31) Priority Document No :2009-185053
(32) Priority Date :07/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062434
Filing Date :23/07/2010
(87) International Publication No :WO 2011/016349
(61) 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, 108-0075, Japan
(72)**Name of Inventor :**
1)YUICHI MORIOKA

(57) Abstract :
Provided is an information processing apparatus including a security level determination section which determines a security level at a time of transmitting a key to an operation terminal, as a transmission security level, a transmission power determination section which determines a transmission power in accordance with the transmission security level and a key-dividing number included in a key transmission request, a key acquisition section which acquires each key fragment by dividing the key into the key-dividing number, and a transmission section which transmits the each key fragment acquired by the key acquisition section using the transmission power determined by the transmission power determination section, via a wireless signal to the operation terminal.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.826/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED CONTROLLING NODE

(51) International classification :H04W 36/30
(31) Priority Document No :61/223,215
(32) Priority Date :06/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/SE2009/051348
Filing Date :27/11/2009
(87) International Publication No :WO 2011/005164
(61) 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 LM ERICSSON (PUBL)
Address of Applicant :SE-164 83 STOCKHOLM (SE) Sweden
(72)**Name of Inventor :**
1)MLLER, WALTER
2)XUAN, ZHIYI

(57) Abstract :
A controlling node (127) for a cellular communications system (100), arranged to handle the control of one or more user terminals (128) in a first cell (125), and being configurable to receive transmissions from one or more user terminals (128) in the first cell (125), with a defined periodicity. The controlling node (127) is characterized in that it is arranged to initiate handover of a user terminal from the first cell (125) to another cell if the controlling node does not receive a transmission at the expected time for said periodicity from the user terminal.

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

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

(21) Application No.906/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTIPLE PURPOSE WHEEL CHAIR •

(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

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY DELHI
Address of Applicant :Hauz Khas, New Delhi 110016, INDIA
(72)**Name of Inventor :**
1)Sidh Nath Singh
2)Shafi Alikkath
3)Anurag Kumar Singh
4)Ansal E.

(57) Abstract :
The present invention describes a wheelchair which helps the user navigate from one place to other and also which helps the user to access toilets without any extra assistance. Also, the wheelchair of the present invention helps the user to access things which are kept at certain height.

No. of Pages : 24 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.825/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD AND APPARATUS FOR STEREOSCOPIC MULTI-USERS DISPLAY

(51) International classification :H04N 13/00
(31) Priority Document No :0913744.9
(32) Priority Date :06/08/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051241
Filing Date :28/07/2010
(87) International Publication No :WO 2011/015846
(61) 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 108-0075, TOKYO, Japan
(72)**Name of Inventor :**
1)ROBERT MARK STEFAN PORTER
2)MARCO VOLINO

(57) Abstract :
A method of displaying different first and second 3D images on a display during a frame period is described. The first 3D image being formed of two stereoscopic images being viewed by a first user through first shutter glasses and the second 3D image being a stereoscopic image being formed of two stereoscopic images viewed by a second user through second shutter glasses, the method comprising the steps of synchronising the display of the first stereoscopic image with the first shutter glasses and the second stereoscopic image with the second shutter glasses wherein each stereoscopic image is displayed for a time period in synchronisation with the respective shutter glasses, the time period being determined in accordance with the frame duration and the number of different 3D images being displayed on the display, wherein the brightness of the display in increased in accordance with' the number of users being synchronised.

No. of Pages : 30 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.844/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BAG IN BOX PACKAGING HAVING A LOCATING PANEL FOR A TAP

(51) International classification :B65D 77/06
(31) Priority Document No :61/269,893(US)
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040658
Filing Date :30/06/2010
(87) International Publication No :WO 2011/002923
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SCHOLLE CORPORATION
Address of Applicant :19520 JAMBOREE ROAD IRVINE, CA 92612-2457 U.S.A.
(72)**Name of Inventor :**
1)EDWARDS, SIMON

(57) Abstract :
A bag in box packaging comprising an outer box, an inner bag and a locating panel. The outer box has a bottom wall and a dispensing wall with an opening toward the lower end thereof. The inner bag includes a spout with a tap. The locating panel has a front surface and a back surface. The locating panel includes a central region which is coupled to at least one of the inner bag, the spout and the tap, with a dispensing opening of the tap on one side of the locating panel and the bag on the other side of the locating panel. An upper region extends above the central region and a lower region extends below the central region. The inner bag is placed within the outer box so that the central region of the locating panel is positioned at an angle relative to each of the bottom wall and the dispensing wall. In turn, the front surface of the upper region overlies an inner surface of the dispensing wall. The front surface of the lower region overlies an inner surface of the bottom wall. The bottom wall, the dispensing wall and the locating panel define a tap region within the outer container within which the tap is positioned when in a stowed configuration. The tap is accessible through the opening in the dispensing wall.

No. of Pages : 25 No. of Claims : 16

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

(21) Application No.881/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION COMPRISING TADALAFIL

(51) International classification :A61K31/519,
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)JUBILANT LIFE SCIENCES LIMITED
Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-201301, UP, INDIA
(72)**Name of Inventor :**
1)MUHURI, GOUTAM
2)BHASKAR, RAJESH
3)LALGE, MANOHAR VISHWANATH
4)JAIN, RAHUL
5)NAKHAT, PREMCHAND DALICHANDJI
6)GUPTA, SAURABH
7)JAIN, RAKESH

(57) Abstract :
Disclosed herein are compressed pharmaceutical compositions of Tadalafil or pharmaceutically acceptable salts, enantiomers, polymorphs, solvates or mixtures thereof comprising granules consisting essentially of water soluble excipients, wherein said composition comprises disintegrant externally to the granules.

No. of Pages : 13 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2014
(21) Application No.921/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED ANALYTE METER AND METHOD OF OPERATION

(51) International classification :G01N 33/49
(31) Priority Document No :13/857,280
(32) Priority Date :05/04/2013
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)LIFESCAN SCOTLAND LIMITED
Address of Applicant :Beechwood Park North, Inverness, Inverness-shire UK IV2 3ED,
(72)**Name of Inventor :**
1)TIM LLOYD
2)DAVID MCCOLL
3)ANTONY SMITH
4)BRIAN GUTHRIE
5)DAVID ELDER
6)ROSSANO MASSARI
7)CHRISTIAN FORLANI

(57) Abstract :
An analyte meter having a test strip port is configured to transmit an electric signal through a received test strip with a sample. A pair of electrodes apply the electric signal and receive an electrical response from the test strip. A processing unit analyzes the electrical response and uses the response to determine an analyte level of the sample

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.983/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FPGA BASED TWO DIMENSIONAL GRAPHIC DISPLAY DRIVER

(51) International classification :G09G3/32
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)ASERDC, HAL, AVIONICSDIVISION, KORWA
Address of Applicant :AGM(DESIGN) ASERDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISON, KORWA, AMETHI-227412, UP, INDIA
(72)**Name of Inventor :**
1)MANOJ YADAV
2)MANISH TEJWANI
3)SAURABH MISHRA
4)LEELADHAR ARJA

(57) Abstract :
Display driver is implemented in Altera Cyclone III FPGA. However the concept can be reformulated for other FPGA vendors. The driver s/w and design can be ported to other Altera FPGAs. The over all system utilizes minimum configuration and produces a low voltage differential video (LVDS) output The driver implemented is 2 dimensional such that it represents front view of the images/alphanumeric data. At present the system is developed for LVDS vdeo signal with interfacing Active Matrix LCD (AMLCD) of 18 bits per pixel and 640 x 480 resolution. However the system can be reconfigured for different options of AMLCD.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.7722/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FITTING STRUCTURE

(51) International classification :E05B65/32
(31) Priority Document No :2012-057778
(32) Priority Date :14/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/055803
Filing Date :04/03/2013
(87) International Publication No :WO 2013/137040
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AISIN SEIKI KABUSHIKI KAISHA
Address of Applicant :1 Asahi machi 2 chome Kariya shi Aichi 4488650 Japan
(72)**Name of Inventor :**
1)YAMAGUCHI Atsushi
2)TADA Takeshi
3)TANIYAMA Masashi
4)KOJIMA Yusuke
5)KATSURAYAMA Atsushi
6)KONOMOTO Norio

(57) Abstract :
To provide a fitting structure which is configured so that the easiness of mounting of a shaft body fitting part to a main shaft body is sufficiently improved. [Solution] This fitting structure is configured in such a manner that a front end sloped surface is formed at the front end of a main shaft body so as to obliquely intersect the axis of the main shaft body. This eliminates the need for aligning a fitting hole and the main shaft body with each other before starting fitting work and the front most end of the main shaft body can be easily passed through the fitting hole by only roughly matching the positions of the front most end of the main shaft body and the fitting hole. Once the front most end of the main shaft body has been inserted into the fitting hole the edge of the front end sloped surface of the main shaft body does not butt against the edge of the fitting hole in the process of subsequent fitting work. As a result of this configuration the work is not hindered and the easiness of mounting of the shaft body fitting part to the main shaft body is sufficiently improved.

No. of Pages : 62 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/09/2014

(21) Application No.7725/DELNP/2014 A
(43) Publication Date : 26/06/2015

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

(51) International classification :G06T15/08,A61B5/00,A61B6/03
(31) Priority Document No :2012-056977
(32) Priority Date :14/03/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/001634
Filing Date :13/03/2013
(87) International Publication No :WO 2013/136783
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FUJIFILM CORPORATION
Address of Applicant :26 30 Nishiazabu 2 chome Minato ku Tokyo 1068620 Japan
(72)**Name of Inventor :**
1)MASUMOTO Jun

(57) Abstract :
To generate an image that more accurately renders the 3D shape of a predetermined subject when generating an artificial 3D image by means of volume rendering. [Solution] When generating an artificial 3D image by means of volume rendering using an opacity curve defining the relationship between pixel values and opacity in a 3D image the entire region representing the predetermined subject from the 3D image is specified a base opacity curve is set for the specified entire region for each of at least a subset of pixels within the specified entire region a representative value of the pixel values within the region proximal to the relevant pixel is acquired and an opacity curve resulting from imparting a change to the set base opacity curve using the acquired representative values is set as the opacity curve applied to the relevant pixel in volume rendering.

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

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

(21) Application No.902/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EMBEDDING AND DETECTING GESTURE CODES AT DIFFERENT SEGMENTS OF AN OBJECT

(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

(71)**Name of Applicant :**
1)Samsung India Electronics Pvt Ltd.
Address of Applicant :Samsung India Electronics Pvt. Ltd. Logix Cyber Park Plot No C-28 & 29, Tower D Noida Sec - 62 Delhi India
(72)**Name of Inventor :**
1)Saurabh Tyagi
2)Nitesh Khilwani

(57) Abstract :
The invention provides a method and system for embedding and identifying gesture code in different segments of an object. The method includes storing different gesture codes corresponding to various gestures in a gesture repository, segmenting the object into a plurality of segments, and selecting one or more segments of the object. Further, the method includes embedding the gesture codes in the selected segments of the object and printing the gesture code embedded on the object using ink invisible to a user. Furthermore, the method includes scanning the printed object electronic device and detecting the gesture codes printed on the object. Furthermore, the method includes decoding the detected gesture codes, retrieving the gestures corresponding to the detected gesture codes from the gesture repository, and displaying the gesture on the electronic device.

No. of Pages : 41 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.984/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GENERIC PORTABLE TEST EQUIPMENT FOR SOLID STATE FLIGHT DATA RECORDER

(51) International classification :G07C5/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ASERDC, HAL, ACCESSORIESDIVISION KORWA
Address of Applicant :AGM (DESGIN) ASERDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISON, KORWA, AMETHI-227412, UP, INDIA
(72)**Name of Inventor :**
1)SHASHANK SHEKHER MISHRA
2)TRILOK KUMAR
3)ANUBHAV GARG

(57) Abstract :
Generic portable Test Equipment for SSFDR design is based on C series I modules of National Instruments along with USB based cDAQ chassis for generating/simulating the aircraft sensor data like analog input/output, discrete input/output and Frequency input/output. All the standard signals generated by NI cards are routed through indigenous interfaces cards for amplification and processing of the signals. All simulated sensor data shall be fed to the FDR for processing and processed data should be stored in the Protected Memory Modules. Same processed data is being captured by test Equipment on RS 422 port. The data received on RS 422 is analyzed by the test rig and Pass/Fail result shall be displayed on the screen. Test rig also simulate the ARNIC 717/429 and MIL 1553B avionics digital buses. ARINC 717 Transmitters and Receivers can be configured to various data frame rates. Same way ARINC 429 can also be configured to HIGH and LOW speed. USB to RS 422 converter is used as the telemetry interface for data analysis and USB to RS 232 is used for fusing the code in flash memory of SSFDR. These compact modules can be easily programmed in LABVIEW with user friendly GUI, which helped us to make common software to test different type of platform of Flight Data Recorders. Test Equipment requires l/10th tolerance of the Flight Data Recorder tolerance which is easily provided by Analog & Frequency module. Non-editable file like in .pdf format of test results can be generated. Test Equipment is portable and rugged for easy movement and transportation to different locations easily. Components/modules used in the Test Equipment have been certified for the storage temperature from -40° to 85°. Qualification of test equipment is carried out as per JS 5555, which include thermal shock, humidity, toppling and roadibilty tests.

No. of Pages : 5 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.821/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TYRE FOR HEAVY GOODS VEHICLE HAVING A REINFORCED BEAD

(51) International classification :B60C 15/00
(31) Priority Document No :0955330
(32) Priority Date :30/07/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/060860
Filing Date :27/07/2010
(87) International Publication No :WO 2011/012605
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SOCIETE DE TECHNOLOGIE MICHELIN
Address of Applicant :23 RUE BRESCHET F-63000, CLERMONT-FERRAND, FRANCE
2)MICHELIN RECHERCHE ET TECHNIQUE S.A.
(72)**Name of Inventor :**
1)PHILIPPE JOHNSON
2)BOPHA GRISIN
3)OLIVIER LENEPVEU

(57) Abstract :
A tire (10) for a heavy goods vehicle comprising a radial carcass reinforcement (60) anchored in each of beads (50) to an anchoring structure (700). The anchoring structure comprises a circumferential reinforcement (70). The carcass reinforcement (60) is partially wrapped around the anchoring structure (700). The tire (10) also comprises a coupling reinforcement (150) comprising a first part (151) in contact with the carcass reinforcement (60) and being extended by a second part (152) in contact with the anchoring structure (700) as far as a point (157) radially on the outside of the anchoring structure (700), located axially between the axially innermost point (702) and the axially outermost point (704) of the anchoring structure (700). The tire (10) also comprises a stiffening reinforcement (160) surrounding the coupling reinforcement (150) and running radially on the inside of the anchoring structure (700) and of the coupling reinforcement (150), wherein the axially outside end point (166) of said stiffening reinforcement (160) is located at a radial distance DR from the radially innermost point (73) of the circumferential reinforcement (70), the radial distance DR being greater than or equal to 0.8 times the radial distance DS between the radially innermost and radially outermost points (71, 73) of the circumferential reinforcement (70) and less than or equal to 1,2 times the radial distance DS.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.838/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MESOIONIC PESTICIDES

(51) International classification :A01N 43/54
(31) Priority Document No :61/231,476
(32) Priority Date :05/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044280
Filing Date :03/08/2010
(87) International Publication No :WO 2011/017347
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)E. I. DU PONT DE NEMOURS AND COMPANY
Address of Applicant :1007 MARKET STREET, WILMINGTON, DELAWARE 19898, USA. U.S.A.
(72)**Name of Inventor :**
1)HOLYOKE JR CALEB VILLIAM
2)ZHANG WENMING
3)PATEL KANU MAGANBHAI
4)LAHM GEORGE P.
5)TONG MY-HANH THI

(57) Abstract :
Disclosed are compounds of Formula (1), N-oxides, and salts thereof, wherein X is O or S;Y is O or S; Z is a direct bond, O, S(0)n, NR6, C(R7)20, OC(R7)2, C(=X1), C(=X1)E, EC(=X1), C(=NOR8) or C(=NN(R6)2);a is 0, 1, 2 or 3; and R1, R2, R3, R4, R5a, R5b, R6, R7, R8, X1 and E are as defined in the disclosure. Also disclosed are compositions containing the compounds of Formula (1) and methods for controlling an invertebrate pest comprising contacting the invertebrate pest or its environment with a biologically effective amount of a compound or a composition of the invention.

No. of Pages : 189 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.982/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MAGNETOMETER HOUSING WITH MAGNETIC COMPENSATION

(51) International classification :G01R33/038
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)ASERDC. HINDUSTAN AERONAUTICS LTD., AVIONICS DIVISION, KORWA
Address of Applicant :AGM(DESIGN), ASERDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISON, KORWA, AMETHI-227412, UP, INDIA
(72)**Name of Inventor :**
1)MANOJ YADAV
2)VIVEK DADU
3)GAURAV KUMAR

(57) Abstract :
Magnetometer housing containing a board having three orthogonal sensing elements and a composite connector is described. The housing has a first end and a second end. The first end of the housing is adapted to receive the board, the connector and mounting screws. The second end of the housing is used as a cover for the first end. The assembly together with first and second end is less than 200 grams. Suitable magnetic compensation is also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.820/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ORAL CARE DEVICE

(51) International classification :A61C 17/02
(31) Priority Document No :61/229,839
(32) Priority Date :30/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043651
Filing Date :29/07/2010
(87) International Publication No :WO 2010/1/014619
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MCNEIL-PPC, INC.
Address of Applicant :199 GRANDVIEW ROAD, SKILLMAN, NJ 08558, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)JUSTIN MCDONOUGH
2)RICHARD J. FOUGERE
3)ROBERT W. FUSI II
4)CURT BINNER
5)MEGHA REDDY

(57) Abstract :
A device for directing a liquid onto a plurality of surfaces of the oral cavity, the device including a chamber for maintaining the liquid proximate the surfaces, where the chamber is defined by front, rear and base inner walls of the device and the front and rear inner walls each include a plurality of openings, the devices further including a first manifold and a second manifold, a first port and a second port; and means for providing an effective seal of the device within the oral cavity.

No. of Pages : 86 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012
(21) Application No.840/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SERIES CONNECTION OF WITCHING REGULATORS FOR ENERGY TRANSFER IN BATTERY SYSTEMS

(51) International classification :H01M 10/44
(31) Priority Document No :10 2009 027 833.8
(32) Priority Date :20/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/058976
Filing Date :24/06/2010
(87) International Publication No :WO 2011/009691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SB LIMOTIVE COMPANY LTD.
Address of Applicant :575-SHIN-DONG, YEONGTONG-GU, SUWON-SI, GYENONGGID-DO 443-731 Republic of Korea
2)SB LIMOTIVE GERMANY GMBH
(72)**Name of Inventor :**
1)BUTZMANN, STEFAN
2)NA

(57) Abstract :
Described herein is an energy transformer for a battery system, the energy transformer comprising a first and a second primary DC/DC converter (24, 34, 44, 54), each having two inputs and two outputs, wherein the inputs are configured for the connection of a battery module (20, 30, 40, 50), and wherein the first and the second primary DC/DC converters (24, 34, 44, 54) are connected in series on the output side. In an embodiment, at least one first secondary DC/DC converter (26-1, 36-1,46-1, 56-1) has two inputs, which are connected to the outputs of the second primary DC/DC converter (24-2, 34-1, 44-2, 54-2) and has a first output connected to one of the outputs of the first primary DC/DC converter (24-1, 34-2,44-1, 54-1).

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

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

(21) Application No.879/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTI-FUNCTIONAL NATURAL HEALING MATRIX WOUND BED FOR WOUND HEALING BANDAGE/DRESSING

(51) International classification	:A61K31/722, A61K36/9066,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DATT MEDIPRODUCTS LIMITED
Address of Applicant :56, COMMUNITY CENTRE, EAST OF KAILASH, NEW DELHI-110065, INDIA
(72)**Name of Inventor :**
1)DR. BALAJI; AVVARI BASKARA
2)DR. WALIA; AMITA
3)TALWAR; TULIKA

(57) Abstract :
This invention relates to a multifunctional natural wound-healing matrix. The matrix of present invention comprises a wound bed made up of a hydrophilic cotton fabric coated with zwitterionic low molecular weight chitosan on one side and embedded with biosynthesized silver nano-particles on the top of that. There are curcumin particles and tulsi extracts used to enhance its properties with herbal medicinal values further and to provide synergistic effect with all the ingredients working together to provide healthier healing results.

No. of Pages : 35 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012
(21) Application No.827/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DOSAGE FORMS OF RISEDRONATE

(51) International classification :A61K 9/32
(31) Priority Document No :11/106,816
(32) Priority Date :15/04/2005
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/042887
Filing Date :23/11/2005
(87) International Publication No :WO 2011/112889
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :7575/DELNP/2007
Filed on :03/10/2007

(71)**Name of Applicant :**
1)WARNER CHILCOTT COMPANY, LLC
Address of Applicant :UNION STREET, KM1.1, FAJARDO, PUERTO RICO 00738 Puerto Rico
(72)**Name of Inventor :**
1)DANSEREAU, RICHARD JOHN
2)BURGIO, DAVID ERNEST, JR.

(57) Abstract :
Oral dosage forms of a risedronate comprised of a safe and effective amount of a pharmaceutical composition comprising risedronate, a chelating agent, and, means for effecting delayed release of the risedronate and the chelating agent in the small intestine provide immediate release of the pharmaceutical composition to the small intestine of the mammal subject and pharmaceutically effective absorption of the bisphosphonate with or without food or beverages. The present invention substantially alleviates the interaction between risedronate and food or beverages, which interaction results in the bisphosponate active ingredient not being available for absorption. The resulting oral dosage form may thus be taken with or without food. Further, the present invention effects delivery of risedronate and the chelating agent to the small intestine, substantially alleviating the upper GI irritation associated with bisphosponate therapies. These benefits simplify previously complex treatment regimens and can lead to increased patient compliance with bisphospanate therapies.

No. of Pages : 40 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.845/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR THE CONTINUOUS MANUFACTURE OF A POLYISOBUTYLENE BASED TRANSDERMAL PATCH

(51) International classification :C09J 123/22
(31) Priority Document No :61/271,398
(32) Priority Date :21/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042428
Filing Date :19/07/2010
(87) International Publication No :WO 2011/011318
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MYLAN INC.
Address of Applicant :1500 CORPORATE DRIVE SUITE 400, CANONSBURG PA 15317 UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)BAIRD, RUSSELL, ADAM
2)BARNETT, BRAD, L.
3)BESTE, RUSSELL, D.

(57) Abstract :
The present invention is directed to a process for manufacturing a transdermal delivery device comprising a backing layer (30), a release liner (32), and an adhesive layer (31) between the backing layer (30) and release liner (32). More specifically, the invention is directed to a process of preparing an adhesive layer, wherein the adhesive layer is comprised of polyisobutylene and an active pharmaceutical ingredient.

No. of Pages : 37 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/01/2015

(21) Application No.634/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CD133 APTAMERS FOR DETECTION OF CANCER STEM CELLS

(51) International classification :C12Q1/68,C07H21/02,A61K48/00
(31) Priority Document No :2012903332
(32) Priority Date :02/08/2012
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2013/000850
Filing Date :02/08/2013
(87) International Publication No :WO 2014/019024
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEAKIN UNIVERSITY
Address of Applicant :75 Pigdons Road Waurn Ponds Victoria 3216 Australia
2)DUAN Wei
(72)**Name of Inventor :**
1)DUAN Wei

(57) Abstract :
The present disclosure relates to RNA aptamers and uses thereof in particular aptamers which specifically bind to CD133 and which demonstrate superior tumour penetration.

No. of Pages : 54 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.793/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD TO KEEP COHERENT A TRAVEL SHOPPING BASKET

(51) International classification :G06Q 10/00
(31) Priority Document No :09305707.3
(32) Priority Date :28/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/059825
Filing Date :08/07/2010
(87) International Publication No :WO 2011/012419
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AMADEUS S.A.S.
Address of Applicant :485 ROUTE DU PIN MONTARD, SOPHIA ANTIPOLIS, F-06410 BIOT (FR) France
(72)**Name of Inventor :**
1)VIEILLARD-BARON, BRUNO
2)ENGVALL, TOBIAS
3)TONNET, ODILE

(57) Abstract :
A method of keeping coherent the data of a set of data gathering data obtained from a plurality of sources, the method comprising the steps of: synchronizing (310) the data of the set of data by: receiving data changes from a computer device of one source, determining what changes have been brought to the data of said source; and aggregating (320) the changes into the set of data by: transforming the data changes into remote attributes of the set of data, integrating local attributes into the set of data; and correlating (330) all attributes of the set of data against each other by: matching all attributes functionally equivalent; and, removing duplicated attributes from the set of data.

No. of Pages : 24 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.809/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELECTROLYSIS CELL AND ELECTRICAL POWER UNIT INCORPORATING SAME

(51) International classification :C25B 1/04
(31) Priority Document No :AU 2009903600
(32) Priority Date :03/08/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/000977
Filing Date :03/08/2010
(87) International Publication No :WO 2011/014910
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CRAFT HOLDINGS WA PTY LTD
Address of Applicant :LOT 106 TI TREE GLEN, QUINNINUP, WESTERN AUSTRALIA 6258, AUSTRALIA
(72)**Name of Inventor :**
1)CRAFT, JOHN WAYNE

(57) Abstract :
Electrolysis cell 10 comprises a DC voltage source 12 with positive and negative terminals 14,16 to alternating electrodes 18 and 20 respectively. The source 12 produces a voltage that cycles between a minimum voltage Vmin and a maximum voltage Vmax where Vmin $\geq$ 0 volts, and Vmax = Vmin + Δ, where Δ > 0 volts. Thus, the voltage provided by the DC source 12 is in the form of a periodic wave having a period T, and frequency f. As the voltage source 12 cycles its voltage from Vmin to Vmax, there is an intermediate peak VP1 between Vmin and Vmax. When the voltage reaches VP1, it decreases for a period of time Tp1, before again ramping up to voltage Vmax- The voltage then decreases relatively rapidly to Vmin, completing one cycle of period T.

No. of Pages : 33 No. of Claims : 43

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.788/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HYBRID BATTERY SYSTEM

(51) International classification :H02J 7/00
(31) Priority Document No :10 2009 027 835.4
(32) Priority Date :20/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/058973
Filing Date :24/06/2010
(87) International Publication No :WO 2011/009690
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SB LIMOTIVE COMPANY LTD.
Address of Applicant :575 SHIN-DONG, YEONGTONG-GU, SUWON-SI,GYEONGGI-DO,443731, REPUBLIC OF KOREA
2)SB LIMOTIVE COMPANY LTD.
3)SB LIMOTIVE GERMANY GMBH
4)SB LIMOTIVE GERMANY GMBH
(72)**Name of Inventor :**
1)BUTZMANN, STEFAN
2)FINK, HOLGER

(57) Abstract :
Described herein is an energy transformer for a battery system. The energy transformer comprises a plurality of DC/DC converters (21-1, 21-2, 21 -n, 31, 41-1, 41-2, 41-n), each having a first and a second input (32-1, 32-2), and a first and a second output (33-1, 33-2), wherein the first output (33-1) of a first DC/DC converter (21-1, 41-1) is coupled to a first output (23-1,43-1) of the energy transformer and the second output (33-2) of a last DC/DC converter (21-n, 41-n) is coupled to a second output (23-2, 43-2) of the energy transformer, wherein the first and second inputs (32-1, 32-2) are configured to a battery module (20-1, 20-2, 20-n, 30, 40-1, 40-2, 40-n), and wherein the DC/DC converters (21-1,21-2,21-n, 31,41-1,41-2,41-n) are coupled in series on an output side.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.805/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A COATING FOR THERMOELECTRIC MATERIALS AND A DEVICE CONTAINING THE SAME

(51) International classification :H01L 23/48
(31) Priority Document No :200910055439.3
(32) Priority Date :27/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/US2010/043317
Filing Date :27/07/2010
(87) International Publication No :WO 2011/014479
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CORNING INCORPORATED
Address of Applicant :1 RIVERFRONT PLAZA, CORNING, NEW YORK 14831, UNITED STATES OF AMERICA
2)SHANGHAI INSTITUTE OF CERAMICS CHINESE ACADEMY OF SCIENCES
(72)**Name of Inventor :**
1)LIDONG CHEN
2)LIN HE
3)XIANGYANG HUANG
4)XIAOYA LI
5)XUGUI XIA

(57) Abstract :
A coating for thermoelectric materials includes a thermoelectric layer having a thermoelectric material, a metal coating of one or more layers forming a surface in contact with the thermoelectric layer and an opposing surface, and a metal oxide coating of one or more layers including metal oxides, wherein the metal oxide coating forms a surface in contact with the opposing surface. A device comprises the material and a process for fabricating the same.

No. of Pages : 16 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :01/04/2013

(21) Application No.985/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VARIABLE FRAME FORMAT OF SU-30 SSFDR.

(51) International classification :C12N5/071
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)ASERDC, HAL, ACCESSORIESDIVISION, KORWA
Address of Applicant :AGM (DESIGN) ASERDC HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISON, KORWA, AMETHI-227412, UP, INDIA
(72)**Name of Inventor :**
1)P. C. NIGAM
2)SANDEEP SHARMA

(57) Abstract :
Data Frame Format defines the way or the pattern in which the data will be stored in SSFDR of Su-30MKI. Actually the DFF contain a sequence of data blocks (Figure 2) having a variable set of data elements separated by a unique element identifier. To enable the re-synchronization of a data decoding process in the event of possible data corruption, the Start Of Block contains two (2) formats, namely: Minor Block Start - single byte synchronization word. Major Block Start - four (4) byte synchronization word every halfsecond. Some important highlights are given below. 1. Data blocks shall be compiled in the SSFDR every 1/512 seconds and shall contain the new completed data received since the previous cycle. Every data block should contain at least a Voice Data Element. 2. One sec Frame will be divided into two half sec Frame recognized by having two Major blocks with time stamp. The time is stamped for each major block. 3. Each Major block will have further 256 Minor Blocks. Thus a total of 512 Minor blocks for two major block. 4. Each Major block will further save the data like audio, sampled, Arinc429, MN1553B with their IDs in 256 Minor Blocks. 5. Each minor Block will be having their minor sub count which takes into account the minor no. presently stored. 6. The data being recorded have their own ids alongwith with a byte storing the size of data. 7. The MIL1553B data & ARINC 429 data can be packed in any minor as per receiving in SSFDR.

No. of Pages : 7 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.829/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CERIA FOR USE AS AN ANTIMICROBIAL BARRIER AND DISINFECTANT IN A WOUND DRESSING

(51) International classification :A01N 25/00
(31) Priority Document No :61/223,250
(32) Priority Date :06/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/041079
Filing Date :06/07/2010
(87) International Publication No :WO 2011/005770
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MOLYCORP MINERALS LLC
Address of Applicant :5619 DENVER TECH CENTER PKWY, SUITE 1000, GREENWOOD VILLAGE, CO 80111, UNITED STATES OF AMERICA .
(72)**Name of Inventor :**
1)HASSLER, CARL
2)BURBA, JOHN
3)WHITEHEAD, CHARLES
4)PASCOE, JOE

(57) Abstract :
The present invention relates to protecting a human from an infection using a disinfecting agent as described herein and a method for use thereof, more particularly to a rare earth-containing device for protecting a wound and a method for use thereof.

No. of Pages : 98 No. of Claims : 13

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

(21) Application No.880/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITION OF CINACALCET

(51) International classification :A61K31/137
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)JUBILANT LIFE SCIENCES LIMITED
Address of Applicant :PLOT 1A, SECTOR 16A, NOIDA-201301, UP, INDIA
(72)**Name of Inventor :**
1)MUHURI, GOUTAM
2)BHASKAR, RAJESH
3)JAIN, RAHUL
4)GUPTA, SAURABH
5)BHUSHAN, BHARAT

(57) Abstract :
Disclosed herein a pharmaceutical composition comprising Cinacalet or pharmaceutically acceptable salts thereof wherein composition comprises from about 12% to about 40% of pharmaceutically acceptable super-disintegrant by weight relative to the total weight of the composition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.808/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SAW BLADE WITH SINGLE LEVEL AND MULTIPLE LEVEL SET PATTERNS WITHIN PITCH PATTERNS, AND RELATED METHOD

(51) International classification :B23D 61/12
(31) Priority Document No :61/228,899
(32) Priority Date :27/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043442
Filing Date :27/07/2010
(87) International Publication No :WO 2011/014523
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)IRWIN INDUSTRIAL TOOL COMPANY
Address of Applicant :8935 NORTHPOINTE EXECUTIVE DRIVE, HUNTERSVILLE, NORTH CAROLINA, 28078, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)MARK T. CRANNA

(57) Abstract :
A band saw blade has a plurality of teeth defining a pitch pattern and first and second set patterns within each pitch pattern. The first set pattern includes a plurality of offset teeth that are each offset at approximately the same set magnitude as every other set tooth within the first set pattern. The second set pattern includes a plurality of first offset teeth that are each offset at approximately a first set magnitude, and a plurality of second set teeth that are each offset at approximately a second set magnitude that is greater than the first set magnitude.

No. of Pages : 22 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.846/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TAPERED THROTTLING VALVE

(51) International classification :F16K 47/08
(31) Priority Document No :PCT/NL2009/050469
(32) Priority Date :30/07/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/NL2009/050469
Filing Date :30/07/2009
(87) International Publication No :WO 2011/014059
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TWISTER B.V.
Address of Applicant :EINSTEINLAAN 10, NL-2289 CC RIJSWIJK (NL) Netherlands
(72)**Name of Inventor :**
1)TER HAAR, MAX, ROBERT, ANTHONY
2)OPIC, ZVONIMIR
3)BETTING, MARCO
4)KWEE, SWIE SIANG SEBASTIAAN
5)TJEENK WILLINK, CORNELIS, ANTONIE

(57) Abstract :
The invention relates to a throttling valve comprising a fluid inlet (29) and a fluid outlet (27). The throttling valve is arranged to control a flux of a fluid stream flowing via a flow path from the fluid inlet (29) to the fluid outlet (27). The flow path comprises a plurality of openings (330) which, in use, create a pressure reduction over the throttling valve and thereby a cooling effect of the fluid. The openings (330) widen in a downstream direction.

No. of Pages : 29 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.677/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AQUEOUS REDOX FLOW BATTERIES COMPRISING METAL LIGAND COORDINATION COMPOUNDS

(51) International classification :H01M10/42
(31) Priority Document No :61/676473
(32) Priority Date :27/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2013/051606
Filing Date :23/07/2013
(87) International Publication No :WO 2014/018495
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUN CATALYTIX CORPORATION
Address of Applicant :61 Moulton Street cambridgem MA 02138 U.S.A.
(72)**Name of Inventor :**
1)AMADEO Desiree
2)ESSWEIN Arthur J.
3)GOELTZ John
4)JARVI Thomas D.
5)KING Evan R.
6)REECE Steven Y.
7)TYAGI Nitin

(57) Abstract :
This invention is directed to aqueous redox flow batteries comprising redox active metal ligand coordination compounds. The compounds and configurations described herein enable flow batteries with performance and cost parameters that represent a significant improvement over that previous known in the art.

No. of Pages : 91 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.775/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PRODUCING 2,2-DIFLUOROETHYLAMINE

(51) International classification :C07C 209/08
(31) Priority Document No :09166574.5
(32) Priority Date :28/07/2009
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2010/004434
Filing Date :20/07/2010
(87) International Publication No :WO 2011/012243
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)BAYER CROPSCIENCE AG
Address of Applicant :ALFRED-NOBEL-STR. 50, 40789 MONHEIM, GERMANY
(72)**Name of Inventor :**
1)NORBERT LUI
2)SERGII PAZENOK
3)YURIY GRIGORIEVICH SHERMOLOVICH

(57) Abstract :
The present invention relates to a process for preparing 2,2-difluoroethylamine proceeding from 2,2-difluoro-l-haloethane using ammonia in a solvent which has a maximum water content of 15% by volume and in the presence of a catalyst which accelerates the reaction with ammonia.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.828/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR VEHICLE PERFORMANCE CONTROL

(51) International classification :B60W 30/18
(31) Priority Document No :12/503,466
(32) Priority Date :15/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038775
Filing Date :16/06/2010
(87) International Publication No :WO 2011/008398
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD SCHENECTADY, NEW YORK 12345, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)YOUNG, HENRY TODD
2)KUMAR, AJITH

(57) Abstract :
A method is provided for controlling a drivetrain of a vehicle which includes a prime mover operatively connected to at least one tractive element. The method includes: (a) determining the vehicle's total weight; and (b) using an electronic controller carried by the vehicle, causing the prime mover to apply power to the tractive element so as to propel the vehicle, the magnitude of the power being a function of the vehicle's total weight.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/03/2014

(21) Application No.926/DEL/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONTAINER HANDLE OF NON FROZEN SEASONINGS FOR POPSICLES

(51) International classification :A23L
(31) Priority Document No :201300597
(32) Priority Date :28/06/2013
(33) Name of priority country :Spain
(86) International Application No :NA
Filing Date :NA
(87) 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)HERRERA LOPEZ, Carlos Martin
Address of Applicant :Atotonilco #1350, Int. 20, Fraccionamiento Colegio Del Aire Zapopan, Jalisco, C.P. 45138, Mexico. Delhi India
2)OROZCO RUIZ, Francisco
(72)**Name of Inventor :**
1)HERRERA LOPEZ, Carlos Martin
2)OROZCO RUIZ, Francisco

(57) Abstract :
This utility patent consists in a Container Handle of Non Frozen Seasonings for Popsicles, which is used by filling the handle with a non frozen seasoning, the handle is coiled to a lid and then inserted in the popsicle mold, in which the popsicle is frozen, after being frozen the popsicle is extracted from the mold to be packed. Consumer unpacks de popsicle, lifts the superior flanges and turns them separating the pivot from the lid to leave a hole in the ice, with the hole open then the consumer may press the handle and the non frozen seasoning flows through the hole suffusing the popsicle. It is a unique patent because it incorporates the following innovations; it makes possible to have popsicles with a self content non frozen seasoning which flux is controlled by the consumer. It may be adapted to an existing popsicle mold because the flanges that make the device work are exposed in the popsicles surface. It counts with elements that fix the handle to the popsicle mold during the freezing process, without requiring the use of additional elements.

No. of Pages : 15 No. of Claims : 6

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

(21) Application No.884/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A BIODERADABLE SMOKE FILTER MATERIAL

(51) International classification :B29C47/30
(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

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY
Address of Applicant :DEAN, RESEARCH & DEVELOPMENT, ROOM NUMBER 151, FACULTY BUILDING, POST OFFICE: IIT KANPUR, KANPUR-208016, UTTAR PRADESH, INDIA
(72)**Name of Inventor :**
1)KUMAR ASHOK

(57) Abstract :
The present invention relates generally to a biodegradable filter material/composition useful for the purpose of air and smoke filtration. Particularly, there is provided a natural polymer(s) based cigarette filter material/composition. The filter material/composition advantageously possess higher filtration efficiency and degradation efficiency.

No. of Pages : 30 No. of Claims : 22

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

(21) Application No.909/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CAROTENOID RICH COMPOSITION AND PROCESS OF ITS PREPARATION

(51) International classification :A23L1/30
(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

(71)**Name of Applicant :**
1)INDIAN COUNICL OF AGRICULTURAL RESEARCH (ICAR)
Address of Applicant :KRISHI BHAWAN, DR. RAJENDRA PRASAD ROAD, NEW DELHI-110001 Delhi India
(72)**Name of Inventor :**
1)KAUR, CHARANJIT
2)WALIA, SURESH
3)NATH, PRERNA
4)SAHA, SUPRADIP

(57) Abstract :
The present invention relates to heat stable carotene rich composition extracted through a green process. The process is solvent free and highly effective for extraction of the carotenoids and other bioactives from plant matrix. The process employs the use of chemical facilitators or cell wall degrading enzymes to increase extraction efficiency. More particularly, the invention relates to a process of preparation of carotene, phenolic and ascorbic acid enriched products from biological resources such as capsicum through a novel enzyme mediated process.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/09/2014

(21) Application No.7663/DELNP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HOT ROLLED SHEET PASSING GUIDE

(51) International classification :B21B45/02,B21B39/14
(31) Priority Document No :2012-262225
(32) Priority Date :30/11/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/082250
Filing Date :29/11/2013
(87) International Publication No :WO 2014/084373
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NIPPON STEEL & SUMITOMO METAL CORPORATION
Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku Tokyo 1008071 Japan
(72)**Name of Inventor :**
1)SOYA Katsuhide
2)OOUCHI Kazuya

(57) Abstract :
To provide a hot rolled sheet passing guide capable of suppressing temperature fluctuations in the longitudinal direction of a hot rolled steel sheet by efficiently discharging from above the hot rolled sheet passing guide cooling water injected toward the lower surface of the hot rolled steel sheet and suppressing early stage wear to thereby extend the life thereof. [Solution] A hot rolled sheet passing guide (30) is disposed between table rolls (21, 21) for conveying a hot rolled steel sheet in a hot rolling line and is characterized by being provided with a plurality of nozzle holes (31) provided at positions corresponding to cooling nozzles (27) disposed between the table rolls (21, 21) and water discharge holes (32) each formed between the nozzle holes (31) adjacent to each other in the sheet width direction of the hot rolled steel sheet (5) to be conveyed and characterized in that the water discharge hole (32) is configured from an extension portion (34) extending in the sheet passing direction (F) of the hot rolled steel sheet (5) to be conveyed and wide hole portions (33) formed at both ends of the extension portion (34) in the sheet passing direction (F) and increased in a sheet width direction (F).

No. of Pages : 38 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.799/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR DETECTING A SIGNAL IN A LONG TERM EVOLUTION SYSTEM

(51) International classification :H04M
(31) Priority Document No :200910090136.5
(32) Priority Date :29/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/071528
Filing Date :02/04/2010
(87) International Publication No :WO 2011/011994
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN, SHENZHEN, GUANGDONG, 518057, CHINA China
(72)**Name of Inventor :**
1)SU, XIAOMING;
2)LI, YUJIE
3)LIU, QIAOYAN;

(57) Abstract :
The present disclosure discloses a method for detecting a signal in an LTE system, the method includes that: an eNodeB calculates a signal power Ps and a noise power Pn according to the data part of a signal sent by a UE on a channel resource, a Constant Amplitude Zero Auto-Correlation (CAZAC) sequence, an orthogonal sequence W distributed to the UE, and a sequence Wn orthogonal to the W stored by itself; and the ratio of Ps to Pn is compared with a predetermined threshold and a corresponding detection result is determined according to the comparison result. The present disclosure further discloses a device for detecting a signal in an LTE system. The method and device can be used for accurately, simply and easily detecting whether the UE initiates a scheduling request or whether DTX occurs to the UE, so that the eNodeB can determine to whether to continuously send a subsequent message or whether to resend the message which the UE has failed to receive, thereby improving the scheduling performance of the eNodeB.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012
(21) Application No.835/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INDUCTION HARDENING APPARATUS, INDUCTION HARDENING METHOD, INDUCTION HEATING COIL, HEAT TREATMENT APPARATUS, AND HEAT TREATMENT METHOD

(51) International classification :H05B 6/36
(31) Priority Document No :2009-178256
(32) Priority Date :30/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062847
Filing Date :29/07/2010
(87) International Publication No :WO 2011/013774
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NETUREN CO., LTD.
Address of Applicant :17-1, HIGASHIGOTANDA 2-CHOME, SHINAGAWA-KU, TOKYO 141-8639, Japan
(72)**Name of Inventor :**
1)TANAKA, YOSHIMASA
2)MISAKA, YOSHITAKA
3)ASANO, YUJI

(57) Abstract :
An induction hardening apparatus comprises heating coils (26) that inductively heat different parts of the treatment target portion (A) in an axial direction of the work (12), the work (12) and a heating coil (26) being relatively moved along a circumferential direction (R) of a treatment target portion (A). The heating coil (26) has a zigzag shape in which a bent portion (34) that is opened to one side in the axial direction and a bent portion (35) opened to the other side in the axial direction are alternately continuously arranged in opposed directions along the circumferential direction (R).

No. of Pages : 114 No. of Claims : 31

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

(21) Application No.885/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : REDUNDANT TRAFFIC REDUCTION IN WIRELESS NETWORKS

(51) International classification :G08G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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
Address of Applicant :3, avenue Octave Grard 75007 Paris France
(72)**Name of Inventor :**
1)ANAND, Ashok
2)SUBRAMANIAN, Jayashree

(57) Abstract :
Systems and methods for reducing redundant traffic in wireless networks are described. In one implementation, the method for reducing redundant traffic in wireless networks comprises receiving, by a second computing system, a hash of a portion of data from a first computing system and determining whether the portion of data is present within the second computing system The method further comprises transmitting the portion of data to the first computing system, based on the determining over a peer to peer protocol.

No. of Pages : 24 No. of Claims : 12

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

(21) Application No.991/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN INNOVATIVE WAY OF OPERATING LED ARRAYS AND STRINGS IN CONSTANT CURRENT MODE ON 220 VOLTS AC MAINS

(51) International classification :F21V23/00
(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)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
Address of Applicant :ANUSANDHAN BHAWAN, RAFI MARG, NEW DELHI - 110001, INDIA.
(72)**Name of Inventor :**
1)JOHRI SUBODH
2)CHAUHAN ASHOK
3)JOHRI PRATEEK

(57) Abstract :
The proposed technique directs a novel way of operating LED strings and arrays on AC mains in constant current mode to realize a high energy efficient, reliable, long life and low cost solid state lamp (SSL) for general lighting applications without employing any rectifier or switching mode converter with near unity power factor, low harmonic distortion and flicker. The proposed technique controls and maintains the LED excitation current to a preset level by way of two complimentary power switches operating independently in series with the strings during the positive and negative cycles of the sinusoidal excitation voltage. This approach not only modifies the conduction angles of the serially connected LEDs during the mains zero crossings but also enhances the efficacy of the SSL by reducing zero illumination time between positive and negative cycles of the sinusoidal voltage and does not require tight binning or matching of the LEDs used in the strings.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.795/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VALVE FOR DISPENSING A FLUID PRODUCT

(51) International classification :B65D 83/14
(31) Priority Document No :09 55357
(32) Priority Date :30/07/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051571
Filing Date :26/07/2010
(87) International Publication No :WO 2011/012804
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VALOIS S. A. S.
Address of Applicant :B. P. G. LE PRIEURE, F - 27110 LE NEUBOURG, FRANCE, France
(72)**Name of Inventor :**
1)JACUK, CHRISTOPHE
2)MILIAN, YVAN

(57) Abstract :
A fluid dispenser valve for mounting on a neck (2) of a reservoir (1) containing fluid, said valve comprising a valve body (10) including a metering chamber (15), and a valve member (20) that is movable in said metering chamber (15) between a rest position and a dispensing position, said metering chamber (15) including an upper gasket (30) and a lower gasket (40) that co¬operate in leaktight manner with said valve member (20), said valve including a neck gasket (50) that co-operates in leaktight manner with said valve body (10) and with said receptacle neck (2), said valve body being made as a single piece, said neck gasket (50) and said lower gasket (40) are overmolded on the single-piece valve body (10).

No. of Pages : 21 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.833/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PROCESS FOR PRODUCING A COMPOUND OF FORMULA (VI)

(51) International classification :C07D 513/04
(31) Priority Document No :2005-011923
(32) Priority Date :10/01/2005
(33) Name of priority country :Japan
(86) International Application No :PCT/JP06/300729
Filing Date :19/01/2006
(87) International Publication No :WO 2006/077919
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :5585/DELNP/2007
Filed on :19/07/2007

(71)**Name of Applicant :**
1)MEIJI SEIKA KAISHA, LTD.
Address of Applicant :4-16, KYOBASHI 2-CHOME, CHUO-KU, TOKYO-TO, JAPAN
2)SAGAMI CHEMICAL RESEARCH INSTITUTE
(72)**Name of Inventor :**
1)EIKI SHITARA
2)KUNIO ATSUMI
3)KEIICHI AJITO
4)SHINYA IKEDA
5)TADASHI KATOH
6)MUNENORI INOUE
7)MARI NAKATANI

(57) Abstract :
A process for producing a compound of formula (V1), wherein X represents a halogen atom, said process comprising heating a compound of formula (V), a compound of formula (IV), or a compound of formula (V) prepared by hydrolyzing the compound of formula (IV): wherein X represents a halogen atom; M represents a hydrogen atom, an alkali metal, an alkaline earth metal, or quaternary ammonium, and wherein X represents a halogen atom; and R3 represents C1-12 alkyl.

No. of Pages : 49 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.832/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A COMPUTER IMPLEMENTED METHOD FOR AUTOMATICALLY GENERATING RECOMMENDATIONS FOR DIGITAL MEDIA CONTENT

(51) International classification :G06F 17/30
(31) Priority Document No :0911651.8
(32) Priority Date :06/07/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051113
Filing Date :06/07/2010
(87) International Publication No :WO 2011/004185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OMNIFONE LTD
Address of Applicant :ISLAND STUDIOS, 47 BRITISH GROVE, LONDON W4 2NL (GB) U.K.
(72)**Name of Inventor :**
1)KNIGHT, MARK
2)EVANS, CHRISTOPHER
3)BOSWELL, TOM

(57) Abstract :
A computer implemented process encompasses the following steps: Identify the user's current media content library/ies Analyse the content of those libraries, deriving a taste signature for the user from that analysis Match the derived taste signature to other media content and to other users and provide the user with recommendations based on that automatic matching process.

No. of Pages : 44 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/03/2013
(21) Application No.870/DEL/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VIBRATION REDUCTION IN WASHING MACHINE USING A VIBRATION DAMPER ASSEMBLY

(51) International classification :D06F37/20
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)LG ELECTRONICS INC.
Address of Applicant :20 YEOUIDO-DONG, YEONGDEUNGPO-GU, SEOUL 150-721, REPUBLIC OF KOREA
(72)**Name of Inventor :**
1)SRINIVAS GANEBOINA
2)ATUL DHIMAN
3)N ARUN PRAKASH

(57) Abstract :
A non-contact vibration damping assembly in a top loading washing machine is disclosed, wherein tub (3) is suspended with plurality of suspension rods (7) and additionally at least one vibration damping assembly (6) comprising damping elements (12, 12) are provided to absorb vibration during large swaying motion of the tub (3).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.816/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND DEVICE FOR CROSS PROTECTION

(51) International classification :H04B 10/00
(31) Priority Document No :200910090340.7
(32) Priority Date :05/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2009/075115
Filing Date :24/11/2009
(87) International Publication No :WO 2011/015002
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZTE CORPORATION
Address of Applicant :ZTE PLAZA, KEJI ROAD SOUTH, HI-TECH INDUSTRIAL PARK, NANSHAN DISTRICT, SHENZHEN CITY, GUANGDONG PROVINCE 518057, P.R. CHINA
(72)**Name of Inventor :**
1)MA, WENKAI
2)YUAN, YAN

(57) Abstract :
The present invention discloses an device for cross protection, including: a service unit source end, configured to map optical data unit (ODUk) signals into the same time slots of n line similar optical transport network (OTN) frame format (OTUxG) data buses, and obtain m+n line OTUxG data through protective coding and then send to a combination cross unit; the combination cross unit, configured to split and recombine the m+n line OTUxG data in the time slot, and then send to a service unit destination end; the service unit destination end, configured to protectively decode the m+n line OTUxG data, recover n line OTUxG data, and extract corresponding ODUk signals from the same time slots of n line OTUxG data. The present invention also discloses a method for cross protection. The present invention implements the cross scheduling of ODUk (k=0, 1, 3) levels, improves the processing efficiency, saves the resources, and also makes the use more flexible and convenient.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2015

(21) Application No.663/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VISCOUS COMPOSITION

(51) International classification :C08L33/02,A61K8/365,A61K8/67
(31) Priority Document No :2012173447
(32) Priority Date :03/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/070920
Filing Date :01/08/2013
(87) International Publication No :WO 2014/021434
(61) 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 SEIKA CHEMICALS CO. LTD.
Address of Applicant :346 1 Miyanishi Harima cho Kako gun Hyogo 6750145 Japan
(72)**Name of Inventor :**
1)MURAKAMI Ryosuke
2)ASHIDA Taro
3)MORIMITSU Yuichiro

(57) Abstract :
The purpose of the present invention is to provide a viscous composition which is capable of achieving a high viscosity over a pH range from acidic to weakly acidic conditions even in the presence of a polyvalent metal salt by means of an alkyl modified carboxyl group containing water soluble copolymer. A viscous composition which is obtained by adjusting the pH of a liquid composition that contains a specific alkyl modified carboxyl group containing water soluble copolymer a polyvalent metal salt and water to 7.0 or more with use of a base and then adjusting the pH of the resulting liquid composition to 2.5 6.5 with use of a carboxylic acid and/or a phosphorus oxo acid is able to have a high viscosity.

No. of Pages : 51 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.765/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ALKENE OXINDOLE DERIVATIVES AND THEIR USES TO TREAT OBESITY, DIABETES AND HYPERLIPIDEMIA

(51) International classification :C07D 209/34
(31) Priority Document No :PCT/CN2009/074060
(32) Priority Date :21/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/EP2010/063770
Filing Date :20/09/2010
(87) International Publication No :WO 2011/033099
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)F. HOFFMANN-LA ROCHE AG
Address of Applicant :GRENZACHERSTRASSE 124, CH-4070 BASEL, SWITZERLAND
(72)**Name of Inventor :**
1)CHEN, LI
2)FENG, LICHUN
3)HUANG, MENGWEI
4)LI, JIA
5)NAN, FAJUN
6)PANG, TAO
7)YU, LIFANG
8)ZHANG, MEI

(57) Abstract :
A compound of formula (I) as well as pharmaceutically acceptable salt thereof, wherein R1 to R7 have the significance given in claim 1, can be used as a medicament.

No. of Pages : 108 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012
(21) Application No.781/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMMUNOMODULATORY COMPOSITION COMPRISING A POLYMER MATRIX AND AN OIL PHASE

(51) International classification :A61K 9/16
(31) Priority Document No :61/233,170
(32) Priority Date :12/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/061791
Filing Date :12/08/2010
(87) International Publication No :WO 2011/018504
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIGMOID PHARMA LIMITED
Address of Applicant :THE INVENT CENTRE, DUBLIN CITY UNIVERSITY, DUBLIN, DUBLIN9, IRELAND
(72)**Name of Inventor :**
1)COULTER, IVAN
2)MCDONALD, BERNARD, FRANCIS
3)AVERSA, VINCENZO
4)LAVELLE, EDWARD CHARLES
5)ROSA, MONICA TORRES

(57) Abstract :
A pharmaceutical composition comprises a water-soluble polymer matrix in which are dispersed droplets of oil, the composition comprising at least one immunomodulator selected from an adjuvant, an antigen or a combination thereof. A method for manufacturing shaped compositions comprises mixing an aqueous solution of a water-soluble polymer with an oil-based liquid to form a water-in-oil emulsion, at least one of the aqueous solution and the oil-based liquid comprising an antigen or an adjuvant or a combination thereof, and then causing or allowing the resultant suspension to solidify into one or more beads or other shaped elements.

No. of Pages : 79 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/01/2012

(21) Application No.800/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ONE-PIECE SEAT STRUCTURES AND METHOD OF FORMING

(51) International classification :A47C 7/02
(31) Priority Document No :61/228,836
(32) Priority Date :27/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043391
Filing Date :27/07/2010
(87) International Publication No :WO 2011/014506
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)JOHNSON CONTROLS TECHNOLOGY COMPANY
Address of Applicant :915 EAST 32ND STREET, HOLLAND, MI 49423, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)OMELA ZEKAVICA
2)DANIEL JAMES SAKKINEN
3)YOUZHI XIONG
4)JOHN DAVID KOTRE
5)ANTHONY KESTIAN
6)ROBERT J. HICKS
7)NICHOLAS LEONARD PETOUHOFF
8)ANTOINE A. KMEID
9)PHILLIP WAYNE WILSON
10)DAVID HAYES
11)MIODRAG M. PETROVICH
12)ELIZABETH ANN ALLEN
13)CATHERINE M. AMODEO
14)ANDREW J. ERARD
15)MARK S. WILLIAMSON
16)FOREST HILLS
17)JOSEPH F. PROSNIEWSKI
18)ALEX SAVESKI

(57) Abstract :
A one-piece seat back frame for use in a vehicle seat assembly including a first side portion, a sec¬ond side portion, an upper cross portion, a lower cross portion coupled together to form a rectangular unitary frame structure. The seat back frame also includes, an inner wall extending from a front surface and an inner edge of the back frame, and an outer wall extending from the front surface and an outer edge of the back frame, thereby form¬ing a channel on the front surface. A plurality of forma¬tions are formed in the back frame to enhance the strength and stiffness of the back frame. The seat back frame also includes a plurality of apertures for attaching other seat components, such as a head restraint assembly. The seat back frame is formed from at least one of a monolithic blank, a tailored welded blank, and/or a tailored welded coil.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.819/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BRUSH SEAL WITH STRESS AND DEFLECTION ACCOMODATING MEMBRANE

(51) International classification :F16J 15/00
(31) Priority Document No :61/238,666
(32) Priority Date :31/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/029528
Filing Date :31/03/2010
(87) International Publication No :WO 2011/025558
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SEALEZE, A UNIT OF JASON INC.
Address of Applicant :8000 WHITEPINE ROAD, RICHMOND, VA 23237, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)PATRICK FITZGERALD
2)ROGER FERRYMAN

(57) Abstract :
A brush seal usable in high temperature sealing applications having brush bristles and a sealing membrane of stress and deflection accommodating construction capable of longitudinal extensibility when subjected to stress, strain and/or deformation. Sealing membrane has one portion slidably overlapped with another portion in at least one direction enabling relative movement that helps accommodate stress, strain and/or deflection during manufacture, use and operation. In one embodiment, membrane is folded over itself providing slidable overlapping in one direction and is formed of overlapping membrane sheets providing slidable overlapping in another direction. In another embodiment, membrane has spaced deformation regions providing longitudinal, extensibility that helps accommodate membrane stress, strain and/or deflection. Membrane can be made of temperature resistant metallic foil having a thickness no greater than brush bristle width or diameter and is embeddable in bristles of the brush seal.

No. of Pages : 45 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/01/2015

(21) Application No.700/DELNP/2015 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FUEL CELL INTERCONNECTOR AND METHOD FOR MAKING A FUEL CELL INTERCONNECTOR

(51) International classification :C23C8/12,H01M8/10,H01M8/12
(31) Priority Document No :61/669537
(32) Priority Date :09/07/2012
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2013/001476
Filing Date :08/07/2013
(87) International Publication No :WO 2014/009788
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STACKPOLE INTERNATIONAL POWDER METAL ULC
Address of Applicant :1325 Cormorant Rd. Ancaster Ontario L9G 4V5 Canada
(72)**Name of Inventor :**
1)SHIVANATH Rohith
2)AYRE Brendan
3)LAWCOCK Roger

(57) Abstract :
An interconnector for a solid oxide fuel cell is manufactured by single press compacting a powder blend to form a green interconnector with a desired shape of a final interconnector. The powder blend includes chromium and iron and may include an organic lubricant. At least 50 wt% or more of an iron portion of the powder blend comprises iron particles smaller than 45 urn. The green interconnector is then sintered and oxidized to form the final interconnector. The oxidation step occurs in a continuous flow furnace in which a controlled atmosphere (e.g. humidified air) is fed into the furnace in the travel direction of the interconnector. The final interconnector comprises at least 90 wt% chromium at least 3 wt% iron and less than 0.2 wt% nitrogen. An average density within a flow field of the final interconnector may be less than 6.75 g/cc.

No. of Pages : 35 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.818/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ORAL CARE DEVICE

(51) International classification :A61C 17/028
(31) Priority Document No :61/229,839
(32) Priority Date :30/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043670
Filing Date :29/07/2010
(87) International Publication No :WO 2011/014626
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MCNEIL-PPC, INC.
Address of Applicant :199 GRANDVIEW ROAD, SKILLMAN, NJ 08558, UNITED STATES OF AMERICA
(72)**Name of Inventor :**
1)RICHARD J. FOUGERE
2)ROBERT W. FUSI II
3)JUSTIN MCDONOUGH
4)HAROLD D. OCHS

(57) Abstract :
An oral care device suitable for use in providing a beneficial effect to an oral cavity of a mammal, which device includes means for providing reciprocation of a liquid effective for providing the beneficial effect of the oral cavity when the liquid is contacted with a plurality of surface thereof under conditions effective to provide the beneficial effect.

No. of Pages : 87 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/01/2012

(21) Application No.837/DELNP/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SCANNING ELECTRON MICROSCOPE

(51) International classification :H01J 37/16
(31) Priority Document No :2009-177196
(32) Priority Date :30/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/004636
Filing Date :20/07/2010
(87) International Publication No :WO 2011/013323
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI HIGH-TECHNOLOGIES CORPORATION
Address of Applicant :24-14, NISHI SHIMBASHI 1-CHOME, MINATO-KU, TOKYO, 105-8717 Japan
(72)**Name of Inventor :**
1)OHTAKI TOMOHISA
2)AJIMA MASAHIKO
3)ITO SUKEHIRO
4)ONUMA MITSURU
5)OMACHI AKIRA

(57) Abstract :
An objective of the present invention is to provide a desk top type scanning electron microscope, which has a main scanning electron microscope unit and a control unit inclusive of an evacuation unit, a power supply and a cooling fan installed on a single bottom plate and with which high resolution images are obtained. A significant feature of the scanning electron microscope of the present invention is that the scanning electron microscope comprises a main scanning electron microscope unit, an evacuation unit to evacuate an inside of the main scanning electron microscope unit, a control unit over the main scanning electron microscope unit and has all of them enclosed with a bottom plate and a cover, that the control unit is disposed on the bottom plate disposed over a floor, and that the main scanning electron microscope unit is installed on dampers disposed on the floor through opening holes bored through the bottom plate. The scanning electron microscope of the present invention is capable of preventing a vibration generated by a cooling fan or from inside the apparatus from being transmitted to the main scanning electron microscope unit and obtaining high resolution observation images.

No. of Pages : 34 No. of Claims : 14

CONTINUED TO PART- 2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013
(21) Application No.1528/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RESVERATROL - COPPER (II) MEDIATED DEGRADATION OF DNA AND RNA

(51) International classification	:A61K36/82, A61Q19/08
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA MEMORIAL CENTRE
Address of Applicant :DR. ERNEST BORGES MARG, PAREL, MUMBAI 400 012, STATE OF MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)INDRANEEL MITTRA

(57) Abstract :
A composition comprising a plant polyphenol, especially Resveratrol, and copper (II) for the degradation of or preventing or reducing a rise in the level of one or more of circulating fragments of chromatin, DNA and RNA. The molar ratio of plant polyphenol to copper (II) is in the range 1:1 to 10-10 Higher levels of degradation of chromatin fragments, DNA and RNA occur as the molar ratio of the copper to plant polyphenol to copper (II) is reduced to an optimum level depending on the material to be degraded. The composition provides therapeutic treatment for conditions associated with raised levels of chromatin fragments including cancer and HIV, may enhance cell destruction therapies and, reduce the incidence of death of live cells in the presence of dead cells or fragments of chromatin from dead cells.

No. of Pages : 75 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2013

(21) Application No.1822/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF VEMURAFENIB

(51) International classification	:A61K31/437, 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 :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :SARKHEJ-BAVLA N.H. NO. 8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, INDIA
(72)**Name of Inventor :**
1)KHERA BRIJ

(57) Abstract :
The present invention relates to a pharmaceutical composition comprising vemurafenib and a polymer component other than hydroxypropylmethyl cellulose acetate succinate, and one or more pharmaceutically acceptable excipient(s) and method for preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/05/2013

(21) Application No.1823/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF VEMURAFENIB

(51) International classification	:A61K31/437, 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 :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :SARKHEJ-BAVLA N.H. NO. 8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, INDIA
(72)**Name of Inventor :**
1)KHERA BRIJ

(57) Abstract :
The present invention relates to a pharmaceutical composition comprising vemurafenib, at least one solubility enhancing agent, and one or more pharmaceutically acceptable excipient(s) and processes for the preparation thereof. The pharmaceutical composition comprises solubility enhancing agent selected from one or more of pH modifying agent, surfactant, water soluble polymer, carbohydrate and polyol, and one or more pharmaceutically acceptable excipient(s).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013
(21) Application No.2474/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED METHODS FOR THE QUANTITATIVE DETERMINATION OF PHOSPHATE AND PHOSPHITE IN BISPHOSPHONATES.

(51) International classification	:C07F9/6574, C07F9/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALEMBIC PHARMACEUTICALS LIMITED
Address of Applicant :Alembic Research Centre, Alembic Pharmaceuticals Limited , Alembic Road, Vadodara-390 003. Gujarat, India.
(72)**Name of Inventor :**
1)KEDIA, Jagadish
2)LADANI, Jatinkumar
3)BALAJI, Sundra kalyana

(57) Abstract :
The present invention relates to an improved indirect capillary electrophoresis methodology for the quantitative determination of Phosphate and Phosphite in Bisphosphonates. The present invention further provides migration times of Phosphate and Phosphite peaks.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.2477/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VIDEO PAUSE INDICATION IN VIDEO TELEPHONY

(51) International classification	:H04N7/14, H04N7/16
(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

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive, San Diego, California 92121-1714, United States of America
(72)**Name of Inventor :**
1)Lee, Tien-Hsin
2)Wang, Min
3)Agrawal, Radhika
4)Singh, Vikram
5)Rickey, A. Nathan

(57) Abstract :
The disclosure relates to video telephony and, more particularly, to techniques for detecting a video pause in a video telephony application. In one example of the disclosure, a method for video telephony comprises detecting, at a receiving device, that video data packets associated with a video telephony call have stopped arriving from a sending device, and determining that the sending device has paused a video portion of the video telephony call based on information contained in video control packets.

No. of Pages : 28 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013
(21) Application No.2481/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD OF PROVIDING MULTIMEDIA CONTENT AND INTERNET ACCESS REQUIRED FOR ACCESS AND / OR USE OF SAID MULTIMEDIA CONTENT.

(51) International classification	:H04L 29/00, H04M15/00, H04L12/16
(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 :**
1)AMIT KUMAR JAIN
Address of Applicant :F/1402, ROYAL CLASSIC BUILDING, LINK ROAD, ANDHERI WEST Maharashtra India
(72)**Name of Inventor :**
1)AMIT KUMAR JAIN

(57) Abstract :
The present invention is a method of providing multimedia content and internet access required for access and/or use of said multimedia content to be accessed and/or used by a user using a user communication device, the method comprising: providing a multimedia content pre stored in said dongle device; providing a means for accessing and downloading data associated with said multimedia content; and providing a pre-configured internet connection required for accessing and/or using said multimedia content, wherein said internet connection may be provided by pre selecting the internet connection provided by a particular ISP and providing the required hardware and software means in said dongle for automatically establishing an internet connection upon connecting said dongle to said user communication device .

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.2482/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTEGRATED HOT WATER DISPENSER AND HOT BOX CHAMBER IN A VEHICLE

(51) International classification	:F28F9/00, F28D 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 :**
1)MAHINDRA & MAHINDRA LIMITED
Address of Applicant :R & D CENTER, AUTOMOTIVE SECTOR, 89, M.I.D.C., SATPUR, NASHIK-422 007, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)SAMIR RAMESH RAWTE
2)ARAVINDH THIPPAN RAJARAM
3)N DAVID PUM THIAN LAL PAITE

(57) Abstract :
The invention relates to an integrated hot water dispenser and hot box chamber in a vehicle. The integrated hot water dispenser and hot box chamber comprises a primary heat exchanger (1) mounted on the vehicle exhaust pipe (2) having an inlet pipe connected to a first cup(7) at bottom; an out let pipe through a pump from said heat exchanger leading to a second cup (6) for collecting hot water. A dual mode box chamber(14) having a secondary heat exchanger inlet connected with inlet hose to the said outlet pipe with T-joint connector(13) and outlet connected to the said inlet pipe with T- joint connector (13). A cooler bin house (12) provided in the said dual mode box at the bottom connected to air conditioner system. A selector (20) switch means to keep active the said heat exchanger or cooler bin house.

No. of Pages : 14 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.2483/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PROVIDING IN CONTENT INFORMATION AND FACILITATING ONLINE PURCHASES USING A VIDEO BEING PLAYED IN AN ELECTRONIC DEVICE.

(51) International classification	:H04N21/4227, H04N21/475
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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 KUMAR JAIN
Address of Applicant :F/1402, ROYAL CLASSIC BUILDING, LINK ROAD, ANDHERI WEST Maharashtra India
(72)**Name of Inventor :**
1)AMIT KUMAR JAIN

(57) Abstract :
The present invention is method for providing in-content information and facilitating online purchases using a video being played that is displayed on a display screen of an electronic device, wherein said information and said purchases are associated with one or more content items occurring in said video at a particular instant of time. Hence, the method overcomes the challenge faced by normal video advertisements where they are limited to providing awareness or telling stories or conceptualizing an image about related subject matter (product, information, organization, etc.) and do not provide an outlet or a platform to actually carry on further for going ahead to purchase or get more information about the subject of the advertisement. In the present invention, the subject matter (content item of the video) is not only presented visually to a user, but also more information about them and their purchases are provided.

No. of Pages : 39 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.2486/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TOPICAL FORMULATIONS OF DMARD FOR USE IN ARTHRITIS

(51) International classification	:A61K38/17, A61P29/00
(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)MANGESH RAMESH BHALEKAR
Address of Applicant :AISSMS COLLEGE OF PHARMACY, KENNEDY ROAD, NEAR RTO, PUNE-411001 Maharashtra India
2)ASHWINI RAGHAVENDRA MADGULKAR
3)SANJAY JAYPRAKASH KSHIRSAGAR
(72)**Name of Inventor :**
1)MANGESH RAMESH BHALEKAR
2)ASHWINI RAGHAVENDRA MADGULKAR
3)SANJAY JAYPRAKASH KSHIRSAGAR

(57) Abstract :
The present invention relates to topical formulation of DMARDs for use in arthritis and method of using such formulations.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :17/05/2013

(21) Application No.1760/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VOGLIBOSE ORALLY DISINTEGRATING COMPOSITION AND PROCESS FOR PREPARING THE SAME

(51) International classification	:A61K 9/00, A61K31/133
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)ATHENA DRUG DELIVERY SOLUTIONS PVT LTD.
Address of Applicant :602, 6TH FLOOR, STAR HUB, TOWER II, SAHAR INTERNATIONAL AIRPORT ROAD, ANDHERI (EAST), MUMBAI 400059, Maharashtra India
(72)**Name of Inventor :**
1)MR. MAHENDRA B. CHAUDHARI
2)MR. JAGDISH S. WADHWANI

(57) Abstract :
Disclosed is a voglibose orally disintegrating composition, comprising: about 0.1 to about 0.2 percent by weight of voglibose; about 70 to about 80 percent by weight of mannitol 200; about 0.25 to about 1 percent by weight of colloidal silicon dioxide; about 10 to about 20 percent by weight of mannitol 25; about 0.5 to about 1.5 percent by weight of a sweetener; about 0.25 to about 1 percent by weight of a flavorant; about 5 to about 7 percent by weight of a disintegrant; and about 1 to about 3 percent by weight of a lubricant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.2383/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LIQUID-CRYSTAL OPTICAL MODULES AND MULTI-PURPOSE EYEWEAR USING THE SAME

(51) International classification :G02B27/22, G02F1/13
(31) Priority Document No :13/600,189
(32) Priority Date :30/08/2012
(33) Name of priority country :U.S.A.
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)3ND TECHNOLOGY LIMITED
Address of Applicant :UNIT 1208, TOWER A, REGENT CENTRE, 63 WO YI HOP ROAD, KWAI CHUNG, NEW TERRITORIES, HONG KONG (China)
(72)**Name of Inventor :**
1)TSANG, WING HON
2)CHAN, KA LUN

(57) Abstract :
This invention discloses optical modules, and eyewear using them for performing viewing function(s) including viewing a shutter-based 3D display, viewing a polarization-based 3D display, emulating the Pulfrich effect, emulating a pair of pinhole glasses and emulating a pair of sunglasses. In one embodiment, an optical module comprises: a first liquid crystal layer between a first and a second transparent conductive layers; a transparent protective layer attached to the first transparent conductive layer; a third transparent conductive layer; a matrix-electrode layer, comprising an array of independently addressable electrode regions each being transparent and electrically conductive; a second liquid crystal layer between the matrix-electrode layer and the third transparent conductive layer; a first linear polarizer attached to the second transparent conductive layer and the matrix-electrode layer; and a second linear polarizer, having a polarization orientation orthogonal to the polarization orientation of the first linear polarizer, attached to the third transparent conductive layer.

No. of Pages : 57 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2013
(21) Application No.2511/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MAGNETIC DEVICE FOR RECORDING AND REPRODUCING THE PATH OF PLACEMENT IN PARTIAL REMOVABLE DENTAL PROSTHESES

(51) International classification	:A61C 13/00, A61C 19/00
(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 :**
1)DR. VAIBHAV DEORAO KAMBLE
Address of Applicant :C/O DEVENDRA SHAHU, PLOT NO. 67, SHAHU BHAVAN, HANUMAN NAGAR, MEDICAL SQUARE, NAGPUR-440009, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)DR. VAIBHAV DEORAO KAMBLE
2)DR. RAMBHAU D. PARKHEDKAR
3)DR. HIRASANKAR BHOWMIK

(57) Abstract :
Accurate planning for the framework design in partial removable dental prostheses (PROP) requires careful analysis of the diagnostic cast with a dental surveyor to determine ideal path of placement. Selected path of placement should be recorded as a reference for subsequent steps to reposition the cast on same recorded tilt. The recording of the relation of a cast to a dental surveyor and the transfer of this relationship to the dental laboratory may be done by traditional methods like tripodization, scoring the base of the cast, and cementing a reference pin on the cast. The magnet device to record the path of placement of PRDP is fabricated with 2 Cobalt-Samarium magnets having 6 mm inner diameter, 19 mm total diameter, and 4 mm thickness. Magnetic device assembly consists of 2 brass metal keepers at each end of the magnet with nut and bolt. The procedure is simple, easily executed. This innovative device is easy to manage by the dentist and laboratory technician, and requires minimal time for repositioning the cast back to the surveyor. Advantages are ease of placement, automatic reseating, and easy, repositioning when needed. The device provides a permanent recording of the selected path of insertion which may be indefinitely preserved for future use.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2013
(21) Application No.1870/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR SYNCHRONIZATION OF DATA AND ERROR SAMPLES IN A COMMUNICATIONS SYSTEM

(51) International classification	:H04L27/26, H04L25/03
(31) Priority Document No	:13/482,686
(32) Priority Date	:29/05/2012
(33) Name of priority country	:U.S.A.
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Hughes Network Systems, LLC
Address of Applicant :11717 Exploration Lane, Germantown, Maryland 20876, United States of America.
(72)**Name of Inventor :**
1)VARMA, Krishnaraj
2)HUANG, Tony
3)BHAT, Sri

(57) Abstract :
A method and apparatus for processing input data signals transmitted in a continuous mode,or in a burst mode, of signal transmission, such as in asatellite or a computer network communications system. A receiver receives input data signals anda buffer stores the received input data. Processing circuitry generates frame timing synchronization control signals for writing the frames of the input data for storage, generates timing error control signals corresponding to a processing delay for the input data, forsynchronizing reading out the stored data from the buffer based on a timing difference between the timing error control signals and the frame timing synchronization control signals to adjust for an arbitrary delay in processing the input data.The processing circuitrycan include a tap gradient update circuit for generating a tap gradient corresponding tothe read out data, based on equalizer error signals generated by the processing circuitry.

No. of Pages : 54 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2013

(21) Application No.2524/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : UNIVERSAL HEIGHT ADJUSTING HOOD STAY ROD FOR VEHICLES

(51) International classification	:B62D25/12, B62D1/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)MAHINDRA & MAHINDRA LIMITED
Address of Applicant :R&D CENTER, AUTO SECTOR, 89, M.I.D.C., SATPUR, NASHIK - 422007 MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)AMRINDER SINGH SIDHU
2)RAGHAV SAXENA
3)VIKAS BAWA
4)VIJAINDER SINGH
5)T K HAREESH

(57) Abstract :
Abstract The present invention provides a mechanism for opening hood of a vehicle. The mechanism comprises a hood, a stay rod, a first panel, a second panel, a hinge and a third panel. The present invention provides a simple mechanism for adjusting height of the hood of the vehicle. It completely eliminates the need of complex parts and also keeps the hood open at different angles as per height and requirement of a user.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2013

(21) Application No.2525/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BIOGAS FAMILY-PACK: BIOGAS STORAGE AND TRANSPORT UNIT FOR USAGE BY AN INDIVIDUAL OR FAMILY

(51) International classification	:C12P5/00, C12M1/107
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. NITANT MATE
Address of Applicant :402 TRIMURTI, S.NO. 123/2, OFF LAW COLLEGE ROAD, PUNE 411004 Maharashtra India
(72)**Name of Inventor :**
1)DR. NITANT MATE
2)GOGTE KRUTTIKA KEDAR

(57) Abstract :
Biogas is an alternative to other forms of cooking fuels currently being used in the rural households in India like firewood and dung cakes which emit smoke that not only pollutes the environment but is also hazardous to the health of the people who inhale it. However, it is not easily available to the people for two main reasons: firstly, compressing biogas and distributing it in cylinders fike those used for LPG has considerable difficulties and secondly, not every family can afford to have their own biogas plant because they, neither have enough cattle dung to feed the plant, nor do they generate enough organic waste to feed it. The objective of the present invention is to facilitate use of biogas as a replacement for traditional chulhas and to derive the best method to make it available to every rural family at affordable cost through design intervention. The invented product comprises an affordable, stable and easy to use gas balloon with an outer protective cover. It can be carried on the back like a bag pack and when not filled makes about a foot long roll. During use, the gas is pressurized by means of external weight that is made up of inexpensive resources which are easily available. A frame is provided to place the bag in which can also be made in-situ using materials available locally. Natural, biodegradable, renewable materials may be used everywhere possible, and where not, the materials used could be recyclable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/01/2013

(21) Application No.196/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF PYRROLO-[2,1-C][1,4]BENZODIAZEPIN DERIVATIVE

(51) International classification	:C07F9/24, C07D487/04, A61K31/5517
(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 :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :CADILA HEALTHCARE LTD; PLOT NO. 26-29 & 31, DABHASA-UMARAYA ROAD, VILL. DABHASA-391440, TAL. PADRA, DIST. VADODARA, GUJARAT, INDIA
(72)**Name of Inventor :**
1)DWIVEDI SHRIPRAKASH DHAR
2)SINGH KUMAR KAMLESH
3)SOLANKI KIRTIPALSINH SAJJANSINH

(57) Abstract :
The present invention relates to a process for preparation of pyrrolo-[2,l-c][1,4]benzodiazepin derivative and polymorphs thereof. In particular, the present invention provides a process for the preparation of lixivaptan and polymorphs thereof. More particularly, the invention relates to the polymorphic forms of intermediates of lixivaptan.

No. of Pages : 31 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/06/2013

(21) Application No.2068/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED POLYMER PRODUCT WITH SUSTAINED RELEASED INSECTICIDAL COMPOSITIONS

(51) International classification	:A01N25/10, A01N53/06,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ADITYA BIRLA SCIENCE AND TECHNOLOGY COMPANY LIMITED
Address of Applicant :ADITYA BIRLA CENTER, 2ND FLOOR, C WING, S K AHIRE MARG WORLI, MUMBAI 400025 MAHARASHTRA
(72)**Name of Inventor :**
1)RASIKA INDRANEEL CHATTERJEE
2)PREETI LODHA
3)VAIBHAV KEDAR

(57) Abstract :
A polymer product is provided. The polymer product includes an active arrester and an active compound. The active compound is selected from the group consisting of a volatile insecticide and an antimicrobial. The wash durability of the polymer product is in a range of from about 30 percent to about 95 percent over 10 washes. A process making the polymer product is provided. A formulation used for making the polymer product with sustained release insecticidal composition is provided. A process for a regenerated polymer product is also provided.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2013
(21) Application No.2518/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A CASTING COMPOSITION AND A PROCESS FOR PREPARING THE SAME

(51) International classification	:C08K 3/00,C08K 5/00, B22C1/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)PAREKH CHIRAG
Address of Applicant :ASWANILA, DEVI BHUVAN, VICTORIA PARK ROAD, BHAVNAGAR - 364002, GUJARAT, INDIA
(72)**Name of Inventor :**
1)PAREKH CHIRAG

(57) Abstract :
The casting composition of the present disclosure comprises 10% to 55% of a polymeric component, 45% to 90% of a filler component where the filler component comprises 50% to 95% of anti-abrasive material having a combination of unbroken quartz particles, broken quartz particles having sharp edges and glass beads; and 5% to 50% of inorganic material containing Aluminum tri-hydroxide; and 1% to 10% of an additive component which includes but not limited to cross linking agent, lubricant, peroxide and pigment. The present disclosure further provides a method for the preparation of the casting composition.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/08/2013

(21) Application No.2653/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GASCILATOR

(51) International classification	:F17C13/02, F02M21/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RAHUL RAJESH BHAGAT
Address of Applicant :D/135, RAILWAY COTTOR, AJNI, NAGPUR, 440003 Maharashtra India
(72)**Name of Inventor :**
1)RAHUL RAJESH BHAGAT

(57) Abstract :
Gas cylinders form the very basic need of every house hold. From dawn to dusk the cylinders keep lighting up burner for some reason or other. How so ever there is no indication that when the cylinder would be empty. People work only on an estimation referring to day to day use about the time span that would be needed for the cylinder to turn dry. Sometimes gas turns dry during the peak hours of usage . LPG cylinders are distributed to nearly 14 crore (140 million) households in India yearly. Not many can afford more than one connection at a time. The present invention solves this grooving problem with the help of indicator system that informs the user of the exact quantity of gas that is left in the cylinder. This gives user a prior intimation so that the arrangements can be made accordingly for the new cylinder. This can be especially helpful in rural areas where the delivery is not very speedy or efficient. More over the present invention discourages people from buying cylinders from black market in a period of urgency. Further the invention can be modified in such a way that the cylinder is directly issued when the current cylinder is on the verge of getting empty. Thus reducing peoples efforts .Furthermore the deivce can be improvised to level of being capable even to detect the leakage in gas tubes thus averting any possible damage that could be caused. The invention consists of a strong body made of alloys that can support cylinders weight. The body consists of weighing machine which weighs mass of the gas . The software in the machine is programmed in such a way that it takes note of the mass of the gas cylinder as the gas is used up. The mass is noted when the very first time the full gas cylinder is placed on the machine. The machine has a predefined programme inbuilt that has the weights mentioned of half empty cylinder and 80% empty cylinder. It blows blue light when the cylinder mass value equals 50% that is already been fed in to the cylinder. This goes as first indication. Then the cylinder has got a red indicator buzzer that beeps and alerts when the mass is 20 % left . The communicator installed along with the system provides a facility to book the refill automatically. As the gas level reaches 20% , the software programme alerts the communicator device that sends activation code which as predefined details about the user installed in it to the gas agency and there by the refill can be booked.

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

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

(21) Application No.1568/MUMNP/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR ASSEMBLING A CONVEYOR BELT USE THEREOF AND CONVEYOR BELT

(51) International classification :F16G3/10
(31) Priority Document No :10/04442
(32) Priority Date :16/11/2010
(33) Name of priority country :France
(86) International Application No :PCT/FR2011/000608
Filing Date :16/11/2011
(87) International Publication No :WO 2012/066199
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COBRA EUROPE
Address of Applicant :12 rue Henry Guy F 70300 Luxeuil les bains France
(72)**Name of Inventor :**
1)MATHIEU Herv
2)ROESSNER Daniel
3)DREAN Jean Yves
4)OSSELIN Jean Fran§ois

(57) Abstract :
The invention relates to a method for assembling by means of sewing two ends (2 3) of a conveyor belt (1) consisting of a carcass (4) and a covering (5) said method including the following steps: preparing the ends so as to impart a suitable shape thereto; depositing the covering over a predetermined length of each of the ends; sewing along a predetermined sewing field in order to assemble the two carcasses; and positioning a covering so as to cover the seam. The ends of said belt to be assembled have a toothed or staggered shape.

No. of Pages : 20 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/05/2013

(21) Application No.1868/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SUSTAINED-RELEASE TOPIRAMATE FORMULATIONS

(51) International classification	:A61K31/357, A61K9/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :SARKHEJ-BAVLA N.H. NO. 8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, INDIA
(72)**Name of Inventor :**
1)KULKARNI SUSHRUT KRISHNAJI
2)HANDA AJAY KUMAR
3)GUPTA AMIT OM PRAKASH
4)DANTULURI PRUDHVI RAJU

(57) Abstract :
The present invention relates to a sustained release pharmaceutical formulation comprising topiramate and one or more pharmaceutically acceptable excipients, wherein the formulation comprises two extended release (XR) components or a combination of an extended release (XR) component and immediate release (IR) component, wherein at least one component is in a matrix form. It also relates to method of preparing such formulations and using those formulations in the treatment of neurological and/or psychiatric condition.

No. of Pages : 22 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2013

(21) Application No.2528/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL CRYSTALLINE FORM OF METOPIMAZINE

(51) International classification :A61K31/5415
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)CENTAUR PHARMACEUTICALS PRIVATE LIMITED
Address of Applicant :CENTAUR HOUSE, NEAR GRAND HYATT, SHANTI NAGAR, VAKOLA, SANTACRUZ (EAST), MUMBAI-MAHARASHTRA, 400055, INDIA
(72)**Name of Inventor :**
1)ANIL MAHADEV NAIK
2)SHREEKANT DATTATRAY SAWANT
3)MILIND PARSHURAM PAWAR
4)SHIO SEWAK MISHRA

(57) Abstract :
The present invention relates to a crystalline form B of Metopimazine. The present invention further relate to a processes of preparing crystalline form B of Metopimazine and pharmaceutical composition thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013

(21) Application No.2665/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LOADER

(51) International classification :B29D 30/05
(31) Priority Document No :102012021191.0
(32) Priority Date :30/10/2012
(33) Name of priority country :Germany
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)DEERE & COMPANY
Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, US U.S.A.
(72)**Name of Inventor :**
1)FAIVRE DAMIEN

(57) Abstract :
The invention describes a loader (10). The loader (10) comprises a loader boom (12) and a tool carrier (26) or a tool arranged on the loader boom (12), wherein the tool carrier (26) or the tool is connected at a first pivot point (42, 44) to the loader boom (12) and at a second pivot point (46, 48) to a pivot linkage (24) , wherein the pivot linkage (24) comprises a first and a second link (30, 32, 34, 36) which are pivotably connected to one - another at a first link point (38, 40), and wherein the first link (30, 32) is pivotably connected at a second link point (54, 56) to the loader boom (12) , and the second link (34, 36) is pivotably connected at a second link point (50, 52) at the second pivot point (46, 48) to the tool carrier (26) or to the tool, and furthermore a sensor (58) is provided by means of which a pivot angle between the tool carrier (26) or tool and loader boom (12) can be detected. To protect the sensor in as effective a manner as possible, it is proposed that the sensor (58) is positioned in a cavity (76) on the loader (10), and an actuating device (60) is provided which is connected to the sensor (58) and which extends in the cavity and which is connected to a pivot pin, arranged at the second link point (54) , of the first link (30, 32) , wherein the pivot pin is connected rotationally conjointly to the first link (30, 32) .

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013
(21) Application No.2717/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPOSITION OF VINYL AROMATIC MATERIALS WITH INCREASED IMPACT RESISTANCEAND WITH A STRUCTURE-MODIFYING ADDITIVE

(51) International classification	:C08F2/44, C08L51/04, C08F279/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Servicios Administrativos Pe±oles S.A. de C.V.
Address of Applicant :Calzada Manuel G³mez Morn No. 444, Col. Torre³n Residencial, C.P. 27268, Torre³n, Coahuila Mexico
(72)**Name of Inventor :**
1)BENAVIDES PEREZ, Ricardo
2)BOCANEGRA ROJAS, Jos Gertrudis
3)MORALES BALADO, Graciela Elizabeth
4)SORIANO CORRAL, Florentino
5)ACU'A VAZQUEZ, Pablo
6)LOPEZ GONZALEZ, Rodolfo

(57) Abstract :
The present invention refers to vinyl aromatic polymers modified with rubber, comprising a structure modifying additive which is an insaturated compound of formula: n ¦ (1) wherein: R1, R3 each represents a saturated or unsaturated chain from C1 to C18, being equal or different from one another, R2, R4, R5 each represent, hydrogen, halogen or a carbonated chain from C1 to C18, being equal or different from one another, n being an integer number equal or grater than 1 and where the additive can be used in a concentration within the range of 0.020 to 5% in weigth, or in mixtures with low molecular weight polymers in a weight ratio preferably from 5/1 to 1/5, wherein said materials comprise an increased impact resistance varying from about 60 to 473 J/m

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.2718/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MENTAL HEALTH MONITORING USING BEHAVIORAL ANALYSIS BASED ON SOCIAL MEDIA CONTENT

(51) International classification :G06F19/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India
(72)**Name of Inventor :**
1)SINHA, Priyanka
2)AGRAWAL, Amit Kumar
3)GHOSE, Avik
4)BHAUMIK, Chirabrata

(57) Abstract :
Disclosed is a method and system for detecting a psychological condition of a user. An information capturing module captures textual content from one or more social networking servers. An anomaly identification module derives a textual pattern over a periodic time interval based upon analysis of the textual content. A reasoning module detects a psychological disorder of a plurality of psychological disorders. A rating scale module displays contextual information to the user based upon the psychological disorder detected. The rating scale module further receives a response associated with the contextual information from the user. The response signifies presence of the psychological disorder in the user. The rating scale module further assigns a score based upon the response. The rating scale module further validates the psychological disorder detected based upon the score, thereby detecting the psychological condition of the user.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.2719/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF A BIPHENYL-4-YL- METHYL-PYRROLIDIN-2-ONE DERIVATIVE

(51) International classification	:C07D207/26, C07D207/267, C07D207/263,
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)PIRAMAL ENTERPRISES LIMITED
Address of Applicant :Piramal Tower, Ganpatrao Kadam Marg, Lower Parel, Mumbai 400013, Maharashtra India
(72)**Name of Inventor :**
1)CHENNAMSETTY, Suneelmanoharbabu;
2)BOKKA, Ravishankar;
3)PARAMASIVAN, Selvam;
4)HARIHARAN, Sivaramakrishnan;
5)HULAWALE, Yogesh;

(57) Abstract :
The present invention relates to an improved process for the preparation of the compound (R)-3-((3,5-dichloro-4™-(4-(trifluoromethyl)piperidine-1-carbonyl)-[1,1™-biphenyl]-4-yl)methyl)-1-(4-hydroxypiperidin-1-yl)pyrrolidin-2-onem (compound of formula (I)), which is an inhibitor of 11-hydroxysteroid dehydrogenase type 1 enzyme (11- -HSD1). The compound of formula (I) is useful in the treatment of diseases or disorders mediated by the modulation of 11--HSD1, such as cognitive disorders and metabolic disorders. The present invention also relates to a process for the preparation of the pharmaceutically acceptable salts of the compound of formula (I).

No. of Pages : 27 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.2720/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STARTER AND HEADLAMP INTERLOCK RELAY

(51) International classification	:B60K28/10, F16H63/40, F16H59/10
(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)BAJAJ AUTO LIMITED
Address of Applicant :AKURDI, PUNE - 411035, STATE OF MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)NELLIKUNJA RAVINDRA KRISHNAMOORTHY
2)SHARMA RAVINDER KUMAR RANJEET

(57) Abstract :
The invention relates to using starter interlock circuit and head lamp interlock circuit combinedly and advantageously to form a single control system which is reliable, compact and cost effective. The unused position of relay contact of one of the interlock circuit is used intelligently with other interlock circuit to achieve the object.

No. of Pages : 24 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/04/2013
(21) Application No.1502/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL METHOD FOR DRY POWDER INHALATION COMPRISING ANTIASTHAMTIC DRUGS.

(51) International classification	:A61K31/00, A61P 11/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DR. ATMARAM PAWAR
Address of Applicant :BHARATI VIDYAPEETH DEEMED UNIVERSITY, POONA COLLEGE OF PHARMACY, ERANDWANE, PUNE-411038, MAHARASHTRA, INDIA
2)MR. ASHWIN J MALI
3)DR. RAVINDRA PUROHIT
4)DR. KAKASAHEB RAMOO MAHADIK
(72)**Name of Inventor :**
1)DR. ATMARAM PAWAR
2)MR. ASHWIN J MALI
3)DR. RAVINDRA PUROHIT
4)DR. KAKASAHEB RAMOO MAHADIK

(57) Abstract :
The invention disclosed herein relates to development of micro particulate pulmonary delivery system for budesonide with entrapment efficiency in the range of 60% to 93% w/v wherein the system converts into hydrogel upon deposition in the respiratory tract. The invention further provides method of making such micro particulate pulmonary delivery system.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/07/2013

(21) Application No.2318/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PROCESS FOR DISLODGING METAL FROM A MATRIX CONTAINING THE METAL

(51) International classification	:C25C1/20, C25C1/00, C25C7/00
(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 :**
1)RELIANCE INDUSTRIES LIMITED
Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV, 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)GOPALAKRISHNAN KALPANA
2)CHUDASAMA CHINTANSINH DHARMENDRASINH
3)RAKSH VIR JASRA

(57) Abstract :
The present disclosure provides a process for dislodging metal from a matrix containing metal, said process comprising contacting said matrix with a dilute acid having concentration of at least 0.5N in the presence of sonic energy at a temperature ranging between 10 and 50 °C and for a period ranging between 4 and 15 minutes to obtain the metal into a solution. The metal, particularly silver with purity >99.9% is recovered without any additional purification step.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.2713/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TEST DESIGN OPTIMIZATION

(51) International classification	:G06F9/44, G06F17/50
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 India
(72)**Name of Inventor :**
1)SUNDARAM, Sukumar

(57) Abstract :
The present subject matter relates to a computer implemented method for optimizing a test case design for an application. The method includes partitioning a testing requirement of the application into a plurality of portions, based on mathematical conditions of three algebraic methods to align each of the plurality of portions to a mathematical condition of at least one of said algebraic methods, matching a configuration of each of the plurality of portions with array constructions of the at least one of the algebraic method to determine a suitable array of the at least one algebraic method, for testing each of the plurality of portions, optimizing each of the plurality of portions with the suitable array of the at least one algebraic method to provide corresponding optimized portions, and integrating the plurality of optimized portions to generate an optimal test case design for the testing requirement.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.2715/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL CRYSTALLINE FORM OF TEMAZEPAM

(51) International classification	:C07D243/24, C07D243/26
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CENTAUR PHARMACEUTICAL PRIVATE LIMITED
Address of Applicant :CENTAUR HOUSE, NEAR GRAND HYATT, SHANTI NAGAR, VAKOLA, SANTACRUZ (EAST), MUMBAI- MAHARASHTRA, 400055, INDIA
(72)**Name of Inventor :**
1)ANIL MAHADEV NAIK
2)SHREEKANT DATTATRAY SAWANT
3)MILIND PARSHURAM PAWAR
4)SHIO SEWAK MISHRA

(57) Abstract :
The present invention relates to a crystalline form E of Temazepam. The present invention further relate to a processes of preparing crystalline form E of Temazepam and pharmaceutical composition thereof.

No. of Pages : 13 No. of Claims : 10

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

(21) Application No.513/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FLUID ABSORBENT BODY COVER BAG

(51) International classification	:A61G 17/06, B65D 85/00	(71)**Name of Applicant :** **1)MR. RAJENDRA VITHAL LADKAT** Address of Applicant :396, KASBA PETH, NEAR GAONKOS MARUTI, PUNE-411011 Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :** **1)MR. RAJENDRA VITHAL LADKAT**
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 body cover bag is rectangular stretcher bag which encloses the dead bodies with the help of a zipper facility at the top, the bag also has replaceable fluid absorbent material attached to the bottom which helps absorb body fluids.

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

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

(21) Application No.514/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WET GARBAGE DRYING MACHINE

(51) International classification	:F26B 23/00, F26B 19/00	(71)**Name of Applicant :** **1)MR. RAJENDRA VITHAL LADKAT** Address of Applicant :396, KASBA PETH, NEAR GAONKOS MARUTI, PUNE-411011 Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :** **1)MR. RAJENDRA VITHAL LADKAT**
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 wet garbage drying machine, forms compost by drying the garbage in a tank which utilizes the heat given out from refrigeration system/ air conditioning system/ vehicle engine/ generator engine / solar hot water system. The tank aerates the garbage through a rotating shaft, and the bacterial culture decomposes the garbage.

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

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

(21) Application No.1331/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A REDISPERSIBLE MAGNESIUM HYDROXIDE AND A PROCESS FOR MANUFACTURING THE SAME

(51) International classification	:C25B 1/20, C01B 13/14
(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 :**
1)TATA CHEMICALS LIMITED
Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, MUMBAI - 400001 Maharashtra India
(72)**Name of Inventor :**
1)PARASHAR, SACHIN
2)LALBEGI, SACHIN PRATAP

(57) Abstract :
A redispersible magnesium hydroxide is disclosed. The redispersible magnesium hydroxide comprises of magnesium hydroxide particles coated with at least one capping agent wherein the capping agent having a critical micellar concentration value of not more than 0.15% the redispersible magnesium hydroxide having a size in the range of 5 nm to 500nm.

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

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

(21) Application No.2708/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MANAGING COOKIES IN COMPUTING DEVICES

(51) International classification	:H04L29/06, H04L12/721
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 India
(72)**Name of Inventor :**
1)IYENGAR, Srinivasan Venkatachary
2)HINGMIRE, Swapnil Vishveshwar
3)CHENGOTTUSSERIYIL, Joel Joseph
4)LODHA, Sachin Premsukh

(57) Abstract :
Methods and systems for managing cookies in a computing device are described here. In an implementation, a URL currently being browsed by a user is identified. Properties of the URL may characterized by way of URL features. Further, a URL feature vector (225) corresponding to the URL and a user policy vector (230) corresponding to the user is determined. The URL feature vector (225) is based on one or more URL feature values of the URL features. Further, the user policy vector (230) is based URL feature values (215) of a plurality of URLs (210) and community feedback pertaining to the plurality of URLs (210). Based on the URL feature vector (225) and the user policy vector (230), a cookie policy to be implemented is identified. Further, the cookies are managed in the computing device in accordance to the identified cookie policy.

No. of Pages : 35 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/08/2013

(21) Application No.2709/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PROGRAMMABLE, SECURED, PORTABLE, INTELLIGENT, REAL TIME, WEB ENABLED ELECTRONIC PROGRAM GUIDE SYNCHRONIZER CUM WI-FI BASED DATA COMMUNICATION APPARATUS & METHOD TO REMOTELY AUTO-ACTIVATE A PRE-SCHEDULED PROGRAM TRANSMITTED BY SATELLITE/TERRESTRIAL/CABLE MULTI-MEDIA MULTI - DIMENSION CONTENT SERVICE PROVIDER TO ANY COMBINATION OF A SET TOP BOX AND DISPLAY DEVICE AIDED BY A SMART IR EMITTER STICK (SIRS)

(51) International classification	:H04M3/533, H04K1/00
(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)VALUABLE INNOVATIONS PRIVATE LIMITED
Address of Applicant :VALUABLE TECHNO PARK, 53/1, ROAD NO. 7, MIDC, ANDHERI EAST, MUMBAI 400 093, Maharashtra India
(72)**Name of Inventor :**
1)SANJAY GAIKWAD

(57) Abstract :
A programmable, secured, portable, intelligent, electro-magnetic radiation based real time frequency synchronizer cum data communication apparatus & method to remotely auto-activate a preferred schedule of multi-dimension-multi-media content with an ergonomically designed smart IR Emitter/ remote comprising of means to authenticate same via a secured graphic user interface on inventors web server which enables subscriber to access, configure and customize in real time, the Electronic Program Guide (EPG) on capturing parameters of attached external devices and content service providers without necessity of change of remote or reinstallation..

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :06/03/2013

(21) Application No.683/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STEM-CELL STIMULATING HANDY DEVICE SPANDAN

(51) International classification	:C12N 15/27, C12N5/074	(71)**Name of Applicant :** **1)RAMESH MODY** Address of Applicant :G 243, SHASTRI NAGAR, JODHPUR, 342003, RAJASTHAN India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	(72)**Name of Inventor :** **1)RAMESH MODY**
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
A novel stemcell simulator device (ZOO) mainly comprises of plastic capsule to inhouse a DC motor (2), eccentric load (3), motor shaft (4), vibration compartment (5), safety partition (6), plastic body (1) with semispherical end and switch mode power supply for the supply of DC voltage at right amperes to drive the motor whereby the motor shaft (4) is being loaded with eccentric load (3) of appropriate mass so that while DC motor (2) is ON the eccentric load creates vibration of desired amplitude and r.p.m of DC motor (2) decides the vibration frequency of desired repetition every second.

No. of Pages : 13 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/07/2013

(21) Application No.2363/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : REAGENT TEST STRIP FOR DETECTION OF ADULTERATION IN MILK

(51) International classification	:A23C 9/20, G01N21/78
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BOBADE SUHAS VITHAL
Address of Applicant :100, SUYOG NAGAR, NAGPUR 440015 (MS), INDIA
2)BANTE RASHMI RAMKRISHNA
(72)**Name of Inventor :**
1)BOBADE SUHAS VITHAL
2)BANTE RASHMI RAMKRISHNA

(57) Abstract :
Test strip for the detection of different adulterant in milk, which poses great harm to human life, comprising a holder of PVC strip on which synthetic resin is coated to hold the impregnated reagent strip on that, to detect pH, urea and synthetic milk.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.2487/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ALCOHOL-FREE FOAMABLE COMPOSITION OF CLINDAMYCIN

(51) International classification :A61K9/06, A61K31/63
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)TORRENT PHARMACEUTICALS LTD.
Address of Applicant :TORRENT HOUSE, OFF ASHRAM ROAD, NEAR DINESH HALL, AHMEDABAD 380 009, GUJARAT, INDIA
(72)**Name of Inventor :**
1)JAYA ABRAHAM
2)VIVEK MISHRA

(57) Abstract :
Present invention relates to a non-emulsified, alcohol free foamable composition comprising clindamycin or pharmaceutically acceptable salt thereof, at least one permeation enhancer and one or more pharmaceutically acceptable carriers. The non-emulsified alcohol free foamable composition of present invention remains stable at least for 15 minutes after dispensing and is quick breaking on applying shear force.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.2488/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR THE PREPARATION OF FLECAINIDE ACETATE

(51) International classification	:C07C255/14, C07C51/367
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)EMCURE PHARMACEUTICALS LIMITED
Address of Applicant :EMCURE HOUSE, T-184, M.I.D.C., BHOSARI, PUNE-411026, Maharashtra India
(72)**Name of Inventor :**
1)GURJAR MUKUND KESHAV
2)KALIAPERUMAL NEELAKANDAN
3)BALASUBRAMANIAN PRABHAKARAN
4)PANCHABHAI PRASAD PANDURANG
5)MUGALE BALAJI RAM
6)BUCHUDE SANDIP BAJABA
7)MEHTA SAMIT SATISH

(57) Abstract :
The present invention relates to process for the preparation of Flecainide acetate (I) comprising reaction of 2,5-bis (2,2,2-trifluoroethoxy)benzoic acid with 1,1-carbonyldrimidazole (CD1) to give (2,5-diethoxy-phenyl)-imidazol-l-yl-methanone, which on coupling with 2-aminomethylpyridine in presence of a base gave N-(2-pyridinylmethyl)-2,5-bis(2,2,2-trifluoroethoxy)benzamide, further treatment with hydrochloric acid gave N-(2-pyridinylmethyl)-2,5-bis(2,2,2-trifluoroethoxy) benzamide HC1 salt which on hydrogenation in the presence of a catalyst gave Flecainide, further treatment with acetic acid gave Flecainide acetate (I) of desired purity.

No. of Pages : 14 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.2489/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MEASUREMENT OF PHYSIOLOGICAL PARAMETERS

(51) International classification	:A61B6/00, G06K9/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai-400021, Maharashtra India
(72)**Name of Inventor :**
1)VISVANATHAN, Aishwarya
2)SINHA, Aniruddha
3)PAL, Arpan
4)DUTTA CHOUDHURY, Anirban
5)CHATTOPADHYAY, Tanushyam

(57) Abstract :
A method for determining physiological parameters associated with a subject using a hand held device (100) is described herein. In an implementation, the method includes capturing a video of a body part (126) of the subject from a camera (128) of the hand held device (100). From the video, a plurality of windows is obtained, each of the windows having a predetermined number of frames. Further, at least one quantized colour value is determined for one or more colour models, for each frame in the plurality of windows. Based on the at least one quantized colour value of each frame, consistency of the video is determined by performing a consistency analysis for a predetermined number of determinant windows from the plurality of windows. In response to the determination of consistency, at least one physiological parameter for the subject is ascertained.

No. of Pages : 27 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/03/2013

(21) Application No.711/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS

(51) International classification	:A61K9/12, A61K31/00
(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)CIPLA LIMITED
Address of Applicant :CIPLA HOUSE, PENINSULA BUSINESS PARK, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-400 013, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)MALHOTRA, GEENA
2)PURANDARE, SHRINIVAS MADHUKAR

(57) Abstract :
Disclosed herein is a pharmaceutical composition for rectal administration comprising fidaxomicin optionally with one or more pharmaceutically acceptable excipients, useful in the treatment of infections caused by Clostridium difficile and also disclosed herein a process for preparation thereof.

No. of Pages : 30 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/03/2013

(21) Application No.916/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF SITAGLIPTIN PHOSPHATE

(51) International classification :C07D487/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :CADILA HEALTHCARE LTD; PLOT NO. 26-29 & 31, DABHASA-UMARAYA ROAD, VILL. DABHASA-391440, TAL. PADRA, DIST. VADODARA, GUJARAT, INDIA
(72)**Name of Inventor :**
1)DWIVEDI SHRIPRAKASH DHAR
2)SINGH KUMAR KAMLESH
3)NARODE SUNIL DNYANESHWAR
4)PATEL DHAVAL JASHVANTBHAI

(57) Abstract :
The present invention relates to an improved process for the preparation of sitagliptin phosphate. More particularly, the invention relates to an improved process for preparation of sitagliptin phosphate anhydrous of Formula (I™) or monohydrate of Formula (I).

No. of Pages : 34 No. of Claims : 14

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

(21) Application No.2267/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IN-LINE TRANSPARENT STRAINER/AIR SEPARATOR

(51) International classification	:F16K24/04, B01D19/00
(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)DAMPF-KOLBEN ENGG. CORPORATION
Address of Applicant :26/2 ANUSHREE, SAHAJANAND SOCIETY, PUNE -411038, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)ANAND D. BAPAT

(57) Abstract :
The invention discloses a strainer/ air- separator apparatus for an assessment of the suction conditions of a pump and helps in early detection of the pump cavitation. The apparatus comprises an inlet for receiving a liquid inside the apparatus. A filter element is provided for filtering the liquid and is covered by an outer body preferably made of transparent material. The transparent outer body helps in visual monitoring of the quality and the level of liquid received inside the apparatus. A vortex generating arrangement is provided at the inlet of the apparatus for generating the vortex flow of the liquid to minimise the clogging at the filer element. An air vent plug is fitted on the outer body is provided for separating the air from liquid. The rise or fall of liquid level inside the apparatus during pump operation helps in assessment of suction condition.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2013

(21) Application No.2508/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COLON TARGETED PHARMACEUTICAL COMPOSITION OF ESOMEPRAZOLE MAGNESIUM TRIHYDRATE AND CURCUMIN

(51) International classification	:A61K31/7016, A61K33/30
(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

(71)**Name of Applicant :**
1)MAYUR DILIPKUMAR KAPADIA
Address of Applicant :B-48, MIRANAGAR SOCIETY, OPP. ZANSI KI RANI GARDEN, UDHNA, SURAT-394210, GUJARAT, INDIA
2)DR. SUBHASHKUMAR S. VAGHANI
(72)**Name of Inventor :**
1)MAYUR DILIPKUMAR KAPADIA
2)DR. SUBHASHKUMAR S. VAGHANI

(57) Abstract :
The present invention relates to a colon targeted pharmaceutical composition comprising synergistic combination of Esomeprazole Magnesium Trihydrate and curcumin for treatment of Ulcerative Colitis having pH dependent release profile in colon.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2013

(21) Application No.2509/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTIPARTICULATE PHARMACEUTICAL COMPOSITION OF ETODOLAC AND CURCUMIN

(51) International classification	:A61K31/485, 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 :**
1)HINAL PANKAJBHAI DESAI
Address of Applicant :B-902, ANJAN SHALAKA, B/H PARVARISH HOSPITAL, DAMAN ROAD, CHALA, VAPI-396191 GUJARAT, INDIA
2)DR. SUBHASHKUMAR S. VAGHANI
(72)**Name of Inventor :**
1)HINAL PANKAJBHAI DESAI
2)DR. SUBHASHKUMAR S. VAGHANI

(57) Abstract :
The present invention relates to a colon specific Multiparticulate pharmaceutical composition comprising synergistic combination of Etodolac and Curcumin for treatment of colon cancer having pH dependent release profile.

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

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

(21) Application No.2642/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : UTILIZATION OF GUAR GUM IN PREPARATION OF TAMARIND SQUEEZE

(51) International classification	:A23L 1/30, A23L 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 :**
1)VASANTRAO NAIK MARATHWADA KRISHI VIDYAPEETH, PARBHANI-431 402(M.S.), INDIA
Address of Applicant :CENTRAL ADMINISTRATIVE BUILDING KRISHI NAGAR, PARBHANI 431402 Maharashtra India
(72)**Name of Inventor :**
1)DR. RODGE A.B
2)MR. B.A. JADHAV

(57) Abstract :
Guar gum occupies a very important place, as it is a rich source of high quality galactomannan polysaccharide In the present investigation guar gum was incorporated in tamarind squeeze at various levels i.e. 0.1, 0.2, 0.3 and 0.4 percent. The sensory evaluation of tamarind squeeze, were carried out with the help of semi trained panel members using 9 point hedonic scale and showed up to 0.3 percent of guar gum found to be acceptable and hence liked by most of panel members. After 90 days storage showed no change in consistency, texture and controlled syneresis i.e. oozing out water of tamarind squeeze.

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

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

(21) Application No.1558/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HINDUSTHAN NIGHT VISION GOGGLE

(51) International classification :G02B23/12
(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

(71)**Name of Applicant :**
1)CHAVAN SHIRISH SHAMRAO
Address of Applicant :SHIRISH CHAVAN, CHAVAN LEARNING SYSTEMS, VARYE, TAL. & DT. SATARA, 415 015, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)CHAVAN SHIRISH SHAMRAO

(57) Abstract :
This invention relates to night glasses for driving vehicle comprising an eyewear provided with a light blocker, which is slidable across the eyewear. It is associated with the following advantageous features:- - Effectively obstructs glare of headlight from approaching vehicle. - Avoids accident at night caused due to undesirable light. - Slidable across the eyewear from its lower edge to beyond upper edge, thereby making it flexible.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2013

(21) Application No.2520/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR PULVERISATION OF SOLIDS PRESENT IN BIOMETHANATED SPENT WASH

(51) International classification	:C12F, C05F 11/00	(71)**Name of Applicant :** **1)PRAJ INDUSTRIES LIMITED** Address of Applicant :PRAJ HOUSE, BAVDHAN, PUNE - 411021, Maharashtra India
(31) Priority Document No	:NA	(72)**Name of Inventor :**
(32) Priority Date	:NA	**1)SHEO PRATAP SINGH**
(33) Name of priority country	:NA	**2)SAMEER ANAND PAWAR**
(86) International Application No	:NA	**3)VIKAS KUMAR SRIVASTAVA**
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The invention relates to a method for pulverisation of solids present in biomethanated spent wash produced in an alcohol distillery, more particularly to the drying of said solids from BSW using a drum type dryer to form a powdery mass useful as a fertilizer component.

No. of Pages : 11 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/07/2013
(21) Application No.2521/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED PLANETARY BALL MILL

(51) International classification	:B02C15/00, B02C15/12
(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

(71)**Name of Applicant :**
1)INSTITUTE OF TECHNOLOGY NIRMA UNIVERSITY
Address of Applicant :Sarkhej Gandhginagar Highway, Ahmedabad Gujarat India
(72)**Name of Inventor :**
1)PATEL, Femina J
2)PATEL, Sanjay S

(57) Abstract :
Present Improved Planetary Ball Mill (1) is designed and fabricated indigenously in which high dynamic impact energy is induced at low rotation speed due to intense milling that causes size reduction and chemical reaction. An Improved Planetary Ball Mill (1) is developed for synthesis of crystalline perovskite catalysts efficiently. The Improved Planetary Ball Mill (1) mainly comprises of: a Jar Rotation Assembly (2), a Sun Wheel Revolution Assembly (3) and a Support Assembly (4) wherein the ratio of speed of rotation of Jar (2A) to the speed of revolution of Sun Wheel (3A) is varied as the speeds are set separately. Also, the direction of rotation of Jar (2A) and the direction of revolution of Sun Wheel (3A) are set separately. This provides the mechanism that develops coriolis forces thereby enabling chemical reactions to occur apart from milling/grinding i.e. enables reactive grinding.

No. of Pages : 39 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2012

(21) Application No.3553/MUM/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A USB POWERED BEVERAGE WARMER

(51) International classification	:A47J36/24, H05B3/68
(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

(71)**Name of Applicant :**
1)PANKAJ THAPE
Address of Applicant :1345, STREET-27, SHANTI NAGAR, BHILAI (C.G.), INDIA PIN: 490 023 Chattisgarh India
(72)**Name of Inventor :**
1)PANKAJ THAPE

(57) Abstract :
The present invention relates to beverage warmers, and more particularly, to beverage warmers that use the current available from Universal Serial Bus (USB). The beverage warmer powered from a USB port of a host computer comprises a heating element in the shape of a spoon, a handle, such that the heating element is connected at the first end of the handle, an electrical circuit to transfer power from the USB port computer to the heating element, a USB wire attached at the second end of the handle and electrically connected to the electric circuit and a USB interface at the end of the USB wire to connect the wire with the USB port of the host computer. The present invention further provides a method of warming a beverage in a cup using the beverage warmer of the present invention.

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

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

(21) Application No.1996/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD FOR DRYING OF INTERNAL SURFACES

(51) International classification	:F01L 1/047, F16C3/18	(71)**Name of Applicant :** **1)GRIND MASTER MACHINES PVT. LTD.** Address of Applicant :B10/B11/B14, MIDC, RAILWAY STATION, AURANGABAD 431005 MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)**Name of Inventor :** **1)MILIND DINKAR KELKAR**
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
Disclosed is a system and method for drying of internal surfaces of components having holes. The system comprises a first clamping unit, a second clamping unit, a plurality of arms and a vacuum suction unit mounted on a base of a drying station. The system and the method provide a simple approach for internal drying of the component having holes and require less tooling for specific part variants as only the plurality of shoes needs be replaced.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/05/2013
(21) Application No.1782/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS OF RASAGILINE

(51) International classification :A61K31/13, 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 :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :SARKHEJ-BAVLA N.H. NO. 8A, MORAIYA, TAL. SANAND, DIST. AHMEDABAD-382210, GUJARAT, INDIA
(72)**Name of Inventor :**
1)KULKARNI SUSHRUT KRISHNAJI
2)MEHTA PAVAK RAJNIKANTH
3)KAPOOR RITESH

(57) Abstract :
The present invention provides pharmaceutical compositions of rasagiline, its enantiomer or salts thereof. In particular, the invention relates to stabilizer free pharmaceutical compositions of rasagiline, its enantiomer or salts thereof, process of preparation of such compositions and use thereof for treatment of Parkinson™s disease, dementia and Alzheimer™s disease.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :28/07/2013

(21) Application No.1880/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN AUTOMATED NEEDLE HOLDER AND SUTURING DEVICE

(51) International classification	:A61B17/06, A61B17/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BHANSALI HEMANT
Address of Applicant :C-1/7 SUKUMAR SOCIETY, DAYALDAS ROAD, VILE PARLE (E), 400 057, MAHARASHTRA, INDIA
2)GHYAR RUPESH
(72)**Name of Inventor :**
1)BHANSALI HEMANT
2)GHYAR RUPESH

(57) Abstract :
An automated needle holder and suturing device comprising: an arcuate jaw member with an operative frontal open sector, said arcuate jaw member comprising a curvature defined by a body such that said curvature is in correlation with the curvature of a curved needle adapted to be used with said device, said arcuate jaw member comprising a slotted guide for said curved needle to be located and guided through said slotted guide; at least a curved needle adapted to be angularly displaced along the slotted guide of the arcuate jaw member; at least a needle mover assembly adapted to engage with said needle in a frictional manner; at least a piston element adapted to be linearly slide-able along its longitudinal axis, said piston element being triggered by at least a trigger assembly, in that a first trigger action causes said piston to move in an operative backward direction and a second trigger action causes said piston to move in an operative forward direction; at least a biasing element with an operative proximal end and an operative distal end, said operative proximal end of said biasing element being coupled with said piston element, said biasing element being linearly slide-able as well as angularly displaceable as per said piston element movement; and at least a plunger with an operative proximal end and an operative distal end with a pivoting point in between.

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.2294/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SUPPORT SYSTEM

(51) International classification	:E04B1/343, E01D15/12
(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

(71)**Name of Applicant :**
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANIZATION(DRDO)
Address of Applicant :MINISTRY OF DEFENCE, GOV OF INDIA, ROOM NO.348, B - WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI, 110 105 India
(72)**Name of Inventor :**
1)MUTHURAJ DAKSHINAMOORTHY
2)MANGLIK AMIT
3)SHARMA KUMOD
4)WARE DILIP GULABRAO

(57) Abstract :
A support system for supporting a structure is formed by assembly of a plurality of first structural modules and second structural modules. The support system includes a first adjustable support and a second adjustable support. The first adjustable support includes an operative bottom structure, an operative top end, and an adjustment arrangement. The operative bottom structure mounted on a first flat surface and receives the second structural module. The operative top end facilitates supporting of a support structure configured by assembling a plurality of first structural modules thereon and launching of the support structure in a cantilever mode. The adjustment arrangement connects the operative bottom structure to the operative top end for adjusting distance between the operative bottom structure and the operative top end. The second adjustable support is structurally similar to the first adjustable support having an operative top end, an operative bottom structure and an adjustment arrangement.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :22/04/2013
(21) Application No.1479/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FULLY HYDRAULICALLY OPERATED MINI CONCRETE MIXING MACHINE

(51) International classification	:B28C 7/12, B28C5/00
(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)ASHOK MUDHALKAR
Address of Applicant :1, MADHUGHAT, 36/7, ERANDWANA, PANDURANG COLONY, NEAR NEW KARNATAKA HIGH SCHOOL, PUNE-411038. Maharashtra India
(72)**Name of Inventor :**
1)ASHOK MUDHALKAR

(57) Abstract :
The fully hydraulically operated mini concrete mixing machine has a hydraulically operated hopper which tilts upto 80 degrees and hydraulically operated drum tilting operation for easier control, minimum human intervention and faster cycle time of 40 seconds for an input of 10 cubic feet of raw material consisting of sand, cement, gravel and water. The machine can be easily operated by a labourer without the need for a trained operator. In this invention, the hopper has a higher capacity of about 350 kgs. whereby an input of 10 cubic feet results in an output of 7 cubic feet. The other advantage is that the drum can be fixed on either side of the hopper based on operational requirements and operates on a smooth half gear and pinion gear mechanism with rack which can be placed on bottom or top of the pinion gear.

No. of Pages : 8 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2012

(21) Application No.3590/MUM/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MULTI-TREATMENT CHAIR

(51) International classification	:A61G13/04, A61H33/00
(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)JANAK HEALTHCARE PRIVATE LIMITED
Address of Applicant :JANAK HOUSE, OPP. INDIAN OIL CORPN. DEPOT, SHEIKH MISRY ROAD, WADALA (EAST), MUMBAI - 400 037. Maharashtra India
(72)**Name of Inventor :**
1)PRASHANT DINKAR BORKAR

(57) Abstract :
A multi-treatment chair comprising of Base frame, Linkages, Back rest, Foot rest, Seat, Arm rest and Control Unit wherein the linkages are arranged in such a manner has to give mobility and stability and maintaining straight height mechanism.

No. of Pages : 19 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :19/08/2013
(21) Application No.2700/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED VALVE MECHANISM AND DRIVE TRAIN

(51) International classification	:F16K31/05,F01L 13/00
(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)AMAR S. INGALE
Address of Applicant :FLAT NO. S12, KRUSHNA BUILDING, ADARSH NAGAR, BEHIND HOTEL MAHINDRA EXECUTIVE, SATARA, 415002, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)AMAR S. INGALE

(57) Abstract :
The present invention discloses a strip shaped valve mechanism with a drive train for an internal combustion (IC) engine. The valve mechanism comprises a pair of valves, a cam, a pair of supporters and a camshaft. The pair of valves is in the shape of a strip with a stopper one end. The pair of valves is placed over the inlet and outlet ports of a cylinder. The pair of valves crosses the inlet and outlet ports. The cam is in cylindrical structure. The cam comprises a first and a second groove structures on its outer surface. The cam is connected between the pair of valves. The pair of supporters is connected to the cam at one end and a cylinder head of the IC engine at other end. The camshaft is supported by the pair of supporters through the cylindrical cam.

No. of Pages : 16 No. of Claims : 3

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

(21) Application No.2701/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR VERIFYING SLEEP WAKEUP PROTOCOL BY COMPUTING STATE TRANSITION PATHS

(51) International classification :G06F11/36
(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

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)MUSKE, TUKARAM B
2)DATAR, ADVAITA
3)ZARE, AMEY ANAND

(57) Abstract :
Disclosed are a method and a system for facilitating verification of program code implementing Sleep Wakeup protocol for a microcontroller. An input handling module is configured to receive metadata from user required for verification of the program code. Identification module is configured to identify AST nodes corresponding to each program point in the program code. A computation module is configured to compute an actual IPS. TLS, path entities and shared variables for each program point in the program code. A path analysis module is configured to determine transition paths between each of the pairs of the program points specified in the metadata, and are computed in terms of the path entities. Also, review information is computed for each of the path entities comprised in the transition paths. Further, a report generation module is configured to generate a report comprising the review information facilitating the user to verify the program code.

No. of Pages : 34 No. of Claims : 12

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

(21) Application No.2702/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LUNG BIOPSY NEEDLE

(51) International classification :A61B10/02
(31) Priority Document No :13/778,049
(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 :**
1)SPIRATION, INC
Address of Applicant :6675 185TH AVENUE N.E., REDMOND, WA 98052 USA
(72)**Name of Inventor :**
1)DILLARD DAVID H.
2)GONZALEZ HUGO X.
3)HOFFMAN PETER
4)O'CONNELL DESMOND

(57) Abstract :
Systems, methods, and devices for biopsying tissue, in particular lung nodules, with a flexible needle are described herein. Preferably, the flexible needle is able to articulate or bend so as to provide access to areas previously difficult or impossible to biopsy. Further embodiments provide for steering and navigating the flexible needle to a region to be biopsied.

No. of Pages : 58 No. of Claims : 28

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

(21) Application No.2706/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PROCESS AND 3 TOOLS (A STICKER, AN ADDITIVE AND A CONDITIONER) FOR AUGMENTING BOILING HEAT TRANSFER AND CONDENSATION HEAT TRANSFER

(51) International classification	:F28F13/16, F28F13/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PATIL ATUL PRABHAKAR
Address of Applicant :ATUL PRABHAKAR PATIL, C/O P. O. PATIL, VINAYAK COMPLEX, NEAR VADODE HOSPITAL, NEAR JALAMB NAKA, KHAMGAON - 444303, DIST.: BULDHANA, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)PATIL ATUL PRABHAKAR

(57) Abstract :
In order to conserve the energy, boiling heat transfer and condensation heat transfer (& liquid to vapour and vapour to liquid phase change heat transfers) are needed to be enhanced. A process and 3 tools for augmenting the boiling and condensation heat transfers (& liquid to vapour and vapour to liquid phase change heat transfers) augmentation are disclosed. The process to augment the boiling heat transfer (& liquid to vapour phase change heat transfer) is to increase the cohesion energy i. e. interfacial solid-liquid surface energy, as compared to the adhesion energy i. e. liquid-liquid intermolecular forces of attraction. The process to augment the condensation heat transfer (& vapour to liquid phase change heat transfer) is to increase the cohesion energy i. e. interfacial solid-vapour surface energy, as compared to the adhesion energy i. e. vapour-vapour intermolecular forces of attraction. The first tool to augment the boiling/condensing heat transfer (& liquid to vapour/vapour to liquid phase change heat transfer) is a Sticker S; a self-adhesive sheet/lamina, which is to be pasted on the real solid boiling/condensing heat transfer surface Z. The Sticker S is a sheet/lamina of an adhesive material (plain adhesive substance or adhesive substance mixed with the particles or filaments) having 2 surfaces X and Y. The surface X is to be made in contact with the fluid F for the boiling/condensation heat transfer. The surface Y is sticky in nature and is used to paste the Sticker S to the real solid boiling/condensing heat transfer surface Z. The surface X is covered with a lid T (to protect the surface X before its use) and the surface Y is covered with a lid L. While making the use of this Sticker S, both the lids L and T are removed, the surface Y is pasted on the real solid boiling/condensing heat transfer surface Z and the surface X is made in contact with the boiling/condensing fluid F. With this Sticker S, boiling/condensing heat transfer (& liquid to vapour/vapour to liquid phase change heat transfer) augmentation takes place. Another type of Sticker S is disclosed which has a heat transfer surface X whose cohesion energy i. e. interfacial surface energy, is more than the adhesion energy i. e. the fluid-fluid intermolecular forces of attraction, for augmenting the boiling/condensing heat transfer (& liquid to vapour/vapour to liquid phase change heat transfer). The Sticker S is having variety of shapes, sizes, textures and colours. The second tool to augment the boiling/condensing heat transfer is an Additive which is to be added/mixed in the boiling/condensing fluid to enhance the boiling (or liquid to vapour phase change)/condensing (or vapour to liquid phase change) heat transfer. An Additive is a substance; solid, liquid, vapour or a mixture of these, that lowers the adhesion energy i. e. the intermolecular forces of attraction, of a fluid as compared to the cohesion energy i. e. interfacial solid-liquid surface energy (in case of boiling and liquid to vapour phase change) or interfacial solid-vapour surface energy (in case of condensation and vapour to liquid phase change). The third tool to augment the boiling/condensing heat transfer is a Conditioner. For the cases of the heat transfer where the heat transfer substance (medium) is a fluid (and not the solid), Conditioner is to be used into the heating/cooiing fluid (medium). A Conditioner is a tool to be added/mixed into the heating/cooling fluid (medium) to enhance the boiling (and liquid to vapour phase change)/condensation (and vapour to liquid phase change) heat transfer. A substance; solid, liquid, vapour or a mixture of these, that increases the cohesion energy i. e. interfacial fluidl-fluid2 surface energy, as compared to the adhesion energy i, e. intermodular forces of attraction of phase changing fluid, is the Conditioner. With these process and the 3 tools the boiling (and liquid to vapour phase change)/condensation (and vapour to liquid phase change) heat transfer is augmented.

No. of Pages : 21 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/06/2013

(21) Application No.2087/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PRATHAM MODEL ROCKET TEMPLATE

(51) International classification	:A63H 33/42
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PRATHAMSINH RANJITSINH AMBLA
Address of Applicant :L-202, RADHEY APPARTMENT, NR. ASOPALAV BUNGLOWS, B/H BHAIKAKA NAGAR, THALTEJ, AHMEDABAD - 380 059, GUJARAT, INDIA
(72)**Name of Inventor :**
1)PRATHAMSINH RANJITSINH AMBLA

(57) Abstract :
This invention relates to the field of model rocketry activity, aerospace hobby, simply space hobby or aero sport and scientific activity where one makes his own small size working mode! of a rocket and launches it. It helps the young ones as well grownups of the developing countries like India to make their own model rocket from scratch. The different parts of the rocket of a . tested design are made in an easier, quicker and accurate way by drawings on card paper using this template following cutting and pasting as per simple instructions. Moreover, this template can be used any number of times helping the model rocketeer or students to make any number of rockets any time without remembering the measurements of the figures in the template.

No. of Pages : 29 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :14/08/2013

(21) Application No.2680/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONNECTION SYSTEM

(51) International classification	:A47B57/40, F16B5/10, F16B5/00
(31) Priority Document No	:102012021308.5
(32) Priority Date	:31/10/2012
(33) Name of priority country	:Germany
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DEERE & COMPANY
Address of Applicant :ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098, US U.S.A.
(72)**Name of Inventor :**
1)GARZA EMMANUEL ALEJANDRO
2)TALAMANTES CARLOS AMILCAR

(57) Abstract :
A connection system (10) is proposed. The connection system (10) comprises a base plate (16), a sheet-metal profile (12) connected to the base plate (16), at least one connecting slot (18) formed in the base plate (16), and a connecting tab formed on the sheet-metal profile (12). In order to provide a simple and reliable and also low-cost sheet-metal joint, it is proposed that the connecting tab (14) comprises a retaining region (32) and a first stop (52), wherein the retaining region (32) can be inserted into the connecting slot (18) in an assembly position of the sheet-metal profile (12), wherein the retaining region (32) comprises a surface (48) which can be brought into engagement with an underside of the base plate (16) in a connecting position, and wherein the first stop (52) is exposed in an assembly position of the sheet-metal profile (12) and, during the transition from an assembly position into a connecting position, can be inserted into the connecting slot (18) and can be brought into engagement with a first end (20) of the connecting slot (18), said end being situated opposite the retaining region (32).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/12/2012

(21) Application No.3359/MUM/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR RIVAROXABAN

(51) International classification :C07D413/12
(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

(71)**Name of Applicant :**
1)WANBURY LTD.
Address of Applicant :WANBURY LTD. BSEL TECH PARK, B-WING, 10TH FLR, SEC-30A, OPP. VASHI RAILWAY STATION, VASHI, NAVI MUMBAI-400703 Maharashtra India
(72)**Name of Inventor :**
1)DR. NITIN SHARADCHANDRA PRADHAN
2)DR. NILESH SUDHIR PATIL
3)DR. RAJESH RAMCHANDRA WALAVALKAR
4)MR. NILESH SUBHASH KULKARNI
5)MR. SANDIP BABANRAO PAWAR
6)MR. TARAK SAMBHAJI PAWAR

(57) Abstract :
The present invention concern towards the prodrug of 5 -chloro-N-({(5S)-2-oxo-3-[4-(3-oxo-morpholin-4-yl)phenyl]-1,3-oxazolidin-5-yl}methyl)thiophene-2-carboxamide, rivaroxaban per se; processes for their preparation, and the application in treatment and/or prophylaxis of diseases, especially of thromboembolic disorders. The prodrug of compound formula (B) is chemically designated as5-chloro-N-formyl-N-({(5S)-2-oxo-3-[4-(3-oxomorpholin-4-yl)phenyl]-l,3-oxa2olidin-5-yl}methyl)thiophene-2-carboxamide.

No. of Pages : 40 No. of Claims : 8

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

(21) Application No.1336/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF N-[1-(1-NAPHTHYL)ETHYL]-3-[3-(TRIFLUOROMETHYL) PHENYL]PROPAN-1-AMINE AND ITS PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF.

(51) International classification	:C07C211/30, C07C209/74
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CADILA HEALTHCARE LIMITED
Address of Applicant :PLOT NO. 26 TO 29 & 31, DABHASA-UMARAYA ROAD, VILL. DABHASA- 391440, TAL. PADRA, DIST. VADODARA, GUJARAT, INDIA
(72)**Name of Inventor :**
1)DWIVEDI SHRI PRAKASH DHAR
2)PRASAD ASHOK
3)DESAI JITESH AMRATLAL

(57) Abstract :
The present invention relates to an improved process for preparation of N-[1-(1-naphthyl)ethyl]-3-[3-(trifluoromethyl)phenyl]propan-l-amine and pharmaceutically acceptable salts thereof. In particular, the present invention relates to an improved process for preparation cinacalcet or pharmaceutically acceptable salts and intermediates thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :23/07/2013

(21) Application No.2451/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR SIGNAL DETECTION

(51) International classification	:H03D1/00, H04L27/06
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021 India
(72)**Name of Inventor :**
1)JOSEPH, Archana
2)BANDEKAR, Bhushan Vidyadhar
3)SHAH, Utsav Paragbhai
4)DANI, Jayant Sudhakarrao

(57) Abstract :
Systems and methods for signal detection are described. The method comprises obtaining, by a data processing module (120), data from one or more data sources (108). The method further comprises standardizing the data, by the data processing module (120), based on at least one template to obtain standardized data. The standardized data have data properties depicting a format and a size of the data. Further, the method comprises determining, by an analysis module (122), one or more detection rules based on at least one of recommendation data (128) and the data properties of the standardized data. The method further comprises detecting, by the analysis module (122), at least one present in the standardized data based on the one or more detection rules.

No. of Pages : 21 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.2730/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR BRAKING A WIND TURBINE IN CASE OF EMERGENCY

(51) International classification	:B63H1/06, F03D7/02, F03D7/00
(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)SETEC GmbH
Address of Applicant :Kunzer Marktweg 5 01468 Moritzburg OT Boxdorf bei Dresden, Germany
(72)**Name of Inventor :**
1)Fritz Fahrner

(57) Abstract :
The underlying purpose of the invention is to create an additional apparatus as a second emergency apparatus, in the case that one or multiple standard emergency devices are failing to adjust the rotor-blade angle of one or multiple rotor blades, into a position of a power limitation. The method to decelerate a wind turbine in case of an emergency by adjusting the rotor blades for wind turbines with power control by the concept of pitch control or active stall control,and for each rotor blade with at least one actuator and at least one position brake to secure the position of one rotor blade, includes a redundancy for emergency,in order to open one or multiple position brakes (10), which fixate the rotor blade (29) against pitching, depending on the required rotor blade direction of turning, the brake resp.the brakes opens resp. open, and in case of a unwanted direction of rotation, the position-brake resp. the position-brakes (10) closes resp. are closing or kept/held closed. The inventive devices contains at least one actuator (13), once with at least one active position brake (10),and once with at least one passive position-brake (10), and each with corresponding parts for fulfilling the function of the apparatus.

No. of Pages : 33 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2013

(21) Application No.2470/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FORMULATION COMPRISING A HYPOLIPIDEMIC AGENT •

(51) International classification	:C07C69/95, 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)CADILA HEALTHCARE LIMITED
Address of Applicant :Zydus Tower, Satellite Cross Road, Ahmedabad 380 015, Gujarat, India,
(72)**Name of Inventor :**
1)SHEIKH, Shafiq

(57) Abstract :
The present invention relates to the stable pharmaceutical composition of a suitable hypolipidemic agent. Preferably, the present invention discloses novel formulations of the compound of formula (I), or pharmaceutically acceptable salts of compounds of formula (I). More particularly the present invention relates to the stable pharmaceutical composition of compounds of formula (I) comprising compounds of formula (I) or its pharmaceutically acceptable salts, wherein the pH of the formulation is maintained above 7. formula (I)

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :26/07/2013

(21) Application No.2172/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ROTARY DELAYED ENTRY VALVE FOR HYDROGEN FUELLED ENGINE

(51) International classification :F02B43/10
(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)Dr. PATEL, Vikaskumar Jashvantlal
Address of Applicant :1/616, Dhatigara Street, Opp: State Bank of India Kharavawad, Nanpura, Surat Gujarat India
2)Dr. CHANNIWALA, Salim Abbasbhai
(72)**Name of Inventor :**
1)Dr. PATEL, Vikaskumar Jashvantlal
2)Dr. CHANNIWALA, Salim Abbasbhai

(57) Abstract :
The proposed delayed entry valve (1) is provided for supplying delay entry of hydrogen in multi cylinder reciprocating type engines. The proposed delayed entry valve (1) mainly comprises of inner cylinder (2), outer cylinder (3), upper cap (4), lower cap (5), hydrogen supply hole (6a), (6b), (6c) and (6d), water inlet (9) and water outlet (10). The said hydrogen supply hole (6a), (6b), (6c) and (6d) are provided on outer surface of outer cylinder (3) which are connected to four cylinders of engine for supplying hydrogen to the four respective cylinders of engine. The present delayed entry valve (1) one after other discharges the hydrogen gas from the hydrogen supply hole (6a), (6b), (6c) and (6d) to the respectively connected cylinders only between specific degrees from TDC to BDC of crank rotation in suction stroke, delaying the entry of hydrogen gas to each cylinder.

No. of Pages : 27 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2013

(21) Application No.2532/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MTOR INHIBITOR ELUTING MEDICAL DEVICE

(51) International classification	:A61L31/10, A61L31/16
(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

(71)**Name of Applicant :**
1)SAHAJANAND MEDICAL TECHNOLOGIES Pvt. Ltd.
Address of Applicant :Sahajanand Estate, Wakhariawadi, Near Dabholi, Ved Road, Surat-395004, Gujarat India
(72)**Name of Inventor :**
1)RAVAL, Ankur Jaykumar
2)ENGINEER, Chhaya Babubhai
3)PATRAVALE, Vandana Bharat

(57) Abstract :
The present disclosure relates to a coated implantable medical device, comprising: a base layer comprising mTOR inhibitor, and at least one biodegradable polymer; a middle layer comprising mTOR inhibitor, and at least one biodegradable polymer; and a top layer selected from the group consisting of hydrophilic polymer, and combination of hydrophilic polymer and antioxidant, wherein the total mTOR inhibitor concentration over the medical device is in the range of 0.7 to 3.00 µg/mm2. The present disclosure further relates to a method of preparing a coated implantable medical device.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :31/07/2013

(21) Application No.2533/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : VISUAL DESIGN EVALUATION

(51) International classification	:G06K9/00,G06Q 10/00
(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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021, India
(72)**Name of Inventor :**
1)SAKHARDANDE, Prachi
2)DIXIT, Meenakshi
3)RASHINKAR, Prasad

(57) Abstract :
The present subject matter relates to evaluation of a visual design of a user interface (UI). The method comprises receiving, from at least one reviewer, a response to a plurality of questions associated with a plurality of dimensions. The plurality of dimensions is indicative of criteria for assessment of the visual design of the UI. Further, an aggregate visual design quality index (VDIA) score for the UI is computed. The VDIA score is computed based on the response received from the at least one reviewer, and a plurality of weighing factors corresponding to each of the plurality of dimensions. Subsequently, the VDIA score is compared with a pre-determined benchmark visual design quality index (VDIB) score to evaluate the quality of the visual design of the UI.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2013

(21) Application No.2453/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A MECHANICAL LATCH SYSTEM FOR SWITCHING DEVICES

(51) International classification	:H01H1/00, H01H35/14, F42C15/24
(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)LARSEN AND TOUBRO LTD.
Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI-72, Maharashtra India
(72)**Name of Inventor :**
1)AJITH KUMAR

(57) Abstract :
Disclosed is a.mechanical latch system for switching devices. The mechanical latch system is a very compact, rigid and easy to assemble accessory. The system includes a coupler, a solenoid, a solenoid arm, a first spring, an actuating arm, at least two latching units, a pin, a second spring, a pair of auxiliary contacts, at least two stoppers, and a bar. The two latching units are held in de-latched or default condition by the second spring. The position of coupler indicates that the switching device to which the mechanical latch system is connected is in OFF state.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/07/2013
(21) Application No.2455/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PROCESS FOR REMOVAL OF RESIDUAL ACIDITY FROM HALOGENATED VINYL HALIDE POLYMER

(51) International classification	:C08F2/02, C08F255/00
(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)RELIANCE INDUSTRIES LIMITED
Address of Applicant :3RD FLOOR, MAKER CHAMBER-IV 222, NARIMAN POINT, MUMBAI-400021, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)PRADIP MUNSHI
2)NINAD DEEPAK INGLE
3)PARESH KAPADIA PRADEEP
4)KADAM VIJAY SHIVAJI
5)BEHARI MATHUR AJIT
6)JASRA RAKSH VIR

(57) Abstract :
The present disclosure provides a process for the reduction of residual acidity of halogenated polymer. The process involves treating the halogenated polymer to a physical process such as rotary vacuum drying and then neutralizing the treated halogenated polymer with alkaline metal salt solutions. The process requires less quantity of an economic neutralizing agent /base during chemical treatment, thus improving process economy without prejudicing quality of the final halogenated polymer

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.141/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A DIAGNOSTIC KIT FOR DIAGNOSIS OF TUBERCULOSIS

(51) International classification	:C12N15/115, G01N 33/00
(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)JIWAJI UNIVERSITY
Address of Applicant :GWALIOR-474011, MADHYA PRADESH, INDIA
2)DEPARTMENT OF BIOTECHNOLOGY, NEW DELHI
(72)**Name of Inventor :**
1)RISEN PRAKASH SINGH
2)TIWARI RAM PRAMOD

(57) Abstract :
A diagnostic kit TB/M test card comprising (a) suspension of immunoliposome as a working reagent, (b) a positive control, (c) a negative control, (d) accessories which includes a plastic slide coated with hydrophobic material and mixing sticks.

No. of Pages : 24 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :10/05/2013

(21) Application No.1696/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LOW DOSE PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K31/4196, A61K9/20
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)CIPLA LIMITED
Address of Applicant :CIPLA HOUSE, PENINSULA BUSINESS PARK, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-400 013, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)MALHOTRA, GEENA
2)PURANDARE, SHRINIVAS MADHUKAR

(57) Abstract :
The present invention disclosed herein is a low dose pharmaceutical composition comprising deferasirox along with one or more pharmaceutically acceptable excipients. The present invention also disclosed a process for preparation of such low dose pharmaceutical composition and its use in the treatment of chronic iron overload and lead toxicity.

No. of Pages : 48 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.2722/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EVACUATED TUBE SOLAR WATER HEATING SYSTEM

(51) International classification	:F24H1/00, F24J2/32, F24J2/40, F24H9/2
(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

(71)**Name of Applicant :**
1)MANGAL DAMODAR AKOLE
Address of Applicant :VATSALA - DAMODAR, 42/1, SAHAJANAND SOCIETY, KOTHRUD, PUNE-411038, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)MANGAL DAMODAR AKOLE

(57) Abstract :
Disclosed is an evacuated tube solar water heating system. The evacuated tube solar water heating system comprises an inlet, a heat exchanger pipe, an outer manifold, a plain ended evacuated tube collector and an outlet. The outer manifold includes the heat exchanger pipe configured therein. The evacuated tube solar water heating system is suitable for use in any geographical area for different applications including pressurized water systems as well as large capacity forced circulation systems with or without pressurized water supply.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.2723/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PURIFICATION PROCESS FOR RIVAROXABAN

(51) International classification	:A61K31/42, A61P7/00, C07D413/14
(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

(71)**Name of Applicant :**
1)WANBURY LTD
Address of Applicant :WANBURY LTD BSEL TECH PARK, B-WING, 10TH FLR, SEC-30A, OPP. VASHI RAILWAY STATION, VASHI, NAVI MUMBAI-400703, Maharashtra India
(72)**Name of Inventor :**
1)DR. NITIN SHARADCHANDRA PRADHAN
2)DR. NILESH SUDHIR PATIL
3)DR. RAJESH RAMCHANDRA WALAVALKAR
4)MR. NILESH SUBHASH KULKARNI
5)MR. SANDIP BABANRAO PAWAR

(57) Abstract :
This invention mainly relates to a process for the purification of rivaroxaban and its pharmaceutically accepted salts, wherein the crude rivaroxaban treated with an acid optionally, in presence of solvent to form clear solution which further precipitates out the pure rivaroxaban or its pharmaceutically accepted salt by adding anti-solvent. The obtained rivaroxaban having the desired purity with quality by avoiding any further purification

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.2726/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL PURIFICATION PROCESS FOR PTH

(51) International classification :C07K14/635
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)Cadila Healthcare Ltd.
Address of Applicant :Cadila Healthcare Ltd., Zydus Tower, Satellite Cross Road, Ahmedabad Gujarat India
(72)**Name of Inventor :**
1)Sanjeevkumar Mendiratta
2)Avanishkumar Singh
3)Sanjay Bandyopadhyay

(57) Abstract :
The present invention relates to improved method for purification of a recombinant parathyroid hormone (rhPTH134 or teriparatide), said process for purification of parathyroid hormone comprising following essential steps: (a) Enzymatic cleavage; (b) anion exchange chromatography, followed by other suitable purification steps; wherein step (a) and (b) can be carried out in any order.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/04/2013

(21) Application No.1431/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NOVEL AND IMPROVED PROCESS

(51) International classification	:C07F5/04, C07F5/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CIPLA LIMITED.
Address of Applicant :CIPLA HOUSE, PENINSULA BUSINESS PARK, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI - 400 013, MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)PUPPALA, RAVIKUMAR
2)PATHI, SRINIVAS LAXMINARAYAN
3)RAO, DHARMARAJ RAMACHANDRA
4)KANKAN, RAJENDRA NARAYANRAO

(57) Abstract
A novel and improved process for preparation of bortezomib mannitol ester is derived, which process avoids excessive use of solvents, involves convenient, industrially feasible and economical techniques, and provides improvements in purity over processes known in the art.

No. of Pages : 32 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :25/07/2013
(21) Application No.2469/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TARGETED AND TRIGGERED CHITOSAN LIPID CORE SHELL NANOPARTICLES FOR COMBINATION CHEMOTHERAPY

(51) International classification :C09F1/02
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY
Address of Applicant :POWAI, MUMBAI 400076, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)PROF. RINTI BANERJEE
2)THORAT KETAN VILAS
3)NITIN JOSHI

(57) Abstract :
The invention relates to chitosan-lipid core shell nanoparticles for targeted and triggered delivery of two or more anticancer drugs which act synergistically.

No. of Pages : 39 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/08/2013

(21) Application No.2604/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A GLITTER ASSEMBLY FOR MAKING GLITTERS

(51) International classification :B41G1/00
(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)MR. RAJKUMAR BUDHRAJA
Address of Applicant :2B/34, WINDMERE BLDG., NEW LINK ROAD, NEAR OSHIWARA POLICE STATION, ANDHERI-WEST, MUMBAI-400053 Maharashtra India
2)MR. UMANG BUDHRAJA
(72)**Name of Inventor :**
1)MR. RAJKUMAR BUDHRAJA
2)MR. UMANG BUDHRAJA

(57) Abstract :
The embodiment of the present invention is Single or multiple Glitter assembly comprising right side glitter machine and left side glitter machine, where each glitter machine comprising 1) Substract Holding Roller, 2) Charging Port 3) Lamina Flow Fan, 4) one or more Heater, 5) conveyor. and 6) Substract winding roller. Where the complete assembly to all above mentioned equipments work in a fully automatic and interlocked manner for continuous Glitter production. The assembly ensures continuous manufacturing of Glitters without any stoppage. These Glitters are used for various industries such as neutraceutical, food Industry, and/or Home and personal care.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/03/2013

(21) Application No.646/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ENDOXIFEN CITRATE POLYMORPH AND PROCESS FOR PREPARING THE SAME

(51) International classification	:C07C213/08, C07C217/70
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)INTAS PHARMACEUTICALS LIMITED
Address of Applicant :INTAS PHARMACEUTICALS LIMITED, 2ND FLOOR, CHINUBHAI CENTRE, ASHRAM ROAD, AHMEDABAD 380009, GUJARAT, INDIA
(72)**Name of Inventor :**
1)SANJAY JAGDISH DESAI
2)BRIJESH DINKARRAI DESAI
3)JAYESH VITHTHAL GUNA
4)SUNIL CHANDULAL PATEL

(57) Abstract :
The present invention provides novel a crystalline form of Endoxifen citrate and process for preparation thereof.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/01/2013

(21) Application No.142/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD AND OR A PROCESS FOR PREPARATION OF WORKING REAGENT FOR DIAGNOSIS OF TUBERCULOSIS

(51) International classification	:C12N15/115, A61K31/7088, G01N 33/00
(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)JIWAJI UNIVERSITY
Address of Applicant :GWALIOR-474011, MADHYA PRADESH, INDIA
2)DEPARTMENT OF BIOTECHNOLOGY, NEW DELHI
(72)**Name of Inventor :**
1)BISEN PRAKASH SINGH
2)TIWARI RAM PRAMOD

(57) Abstract :
The present disclosure relates to a working reagent comprising with liposome vesicles containing antiglycolipid antibodies Ig(G), The present disclosure also relates to a method of preparing working reagent.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :21/08/2013

(21) Application No.2731/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : EXTRACTION AND RECOVERY OF ENERGETIC MATERIALS USING IONIC LIQUIDS

(51) International classification	:B01D61/36, B01J19/24
(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)Defence Institute of Advanced Technology, Deemed University
Address of Applicant :Girinagar, Pune - 411025, INDIA Maharashtra India
(72)**Name of Inventor :**
1)Prashant S. Kulkarni
2)Vikas Bhosale

(57) Abstract :
The present invention discloses a method of synthesis of selected ionic liquids as an extractant. The present invention further discloses a method of extraction of energetic materials using said extractant followed by recovery of said energetic materials along with characterization thereof. The disclosed method of synthesis, extraction and recovery of the present invention facilitates recovery of energetic materials, such as TNT and Tetryl from wastewater, processing waste, contaminated ground water and soil.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :27/12/2012

(21) Application No.3715/MUM/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTEGRATED BUSINESS INTELLIGENCE AND IN-MEMORY ANALYTICS

(51) International classification	:G06F17/30, G06Q10/00
(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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai, Maharashtra 400021, India
(72)**Name of Inventor :**
1)JOSEPH, Robert Arul
2)ELANGOVAN, Guru
3)THANASEKARAN, Kumar

(57) Abstract :
Systems and methods for integrated business intelligence (BI) and in-memory analytics for leveraging the BI experience are described. In one embodiment, an integrated business analytics system (102) comprises an external storage device (204) coupled to a business intelligence (BI) system (200) and an in-memory analytics system (202). The external storage device (204) is configured to receive the BI report (240) generated by the business intelligence (BI) system (200). Further, the external storage device (204) is configured to store the BI report (240) for retrieval by the in-memory analytics system (202) for generation of interactive visualizations based on the BI report (240).

No. of Pages : 27 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2013

(21) Application No.2506/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ENERGY EFFICIENT BUILDING BLOCKS AND METHOD OF MAKING THE SAME

(51) International classification	:E04C1/41, E04B2/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY
Address of Applicant :DEPARTMENT OF CIVIL ENGINEERING, VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, SA ROAD, NAGPUR-10, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)RAHUL V. RALEGAONKAR
2)MANGESH V. MADURWAR
3)SACHIN A. MANDAVGANE

(57) Abstract :
The present subject matter provides a method of making, high strength, energy efficient, building blocks and bricks made from sugarcane bagasse ash as the principle material. The building blocks and bricks are made of precise dimensions and desired properties such as low embodied energy, being light weight, and having the property of thermal insulation.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :13/12/2012

(21) Application No.3517/MUM/2012 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF MINODRONIC ACID

(51) International classification	:C07F9/6561, C07D471/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ALEMBIC PHARMACEUTICALS LIMITED
Address of Applicant :ALEMBIC CAMPUS, ALEMBIC ROAD, VADODARA-390 003, GUJARAT, INDIA
(72)**Name of Inventor :**
1)JAYARAMAN, VENKAT RAMAN
2)PILLAI, BIJUKUMAR, GOPINATHAN
3)KONDEPATI, VENKATA RAMANA
4)DHAMELIYA, DHAMESH
5)BOBBILI, VEERABHADRARAO

(57) Abstract :
The present invention relates to an improved process fcf the preparation of Minodronic acid. The present invention particularly relates to a process for the preparation of Minodronic acid from imidazo [l,2-a]pyridine.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/07/2013

(21) Application No.2250/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ELECTRONIC - TURMERIC PROCESSING

(51) International classification :A61K36/9066
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MRS. TIRMAX AARTI HEMANT
Address of Applicant :BHARATI VIDYAPEETH'S COLLEGE OF ENGG. KOLHAPUR 416013 Maharashtra India
(72)**Name of Inventor :**
1)MRS. TIRMAX AARTI HEMANT

(57) Abstract :
India is an agricultural country. More than 70% of Indian population lives in villages. Their main source of income is from agriculture. Today the use of technology in India in the field of Agricultural is not up to the mark. Turmeric is widely used in the field of spice & medicine. India contributes 80% share of turmeric in the world. After cultivation of turmeric fingers it is necessary to process these wet turmeric fingers so that it can be converted in to turmeric powder. Today this whole work of processing is carried out manually. This traditional method needs a large time & manpower which result Low profit, excessive time, excessive man power. In proposed technology this process is atomized using mechatronics.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2013

(21) Application No.2493/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PROCESS FOR PREPARATION OF MIDAZOLAM.

(51) International classification :C07D487/04, A61K31/551
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :
Filed on :01/01/1900
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SEQUENT SCIENTIFIC LIMITED
Address of Applicant :301, 'DOSTI PINNACLE', 3RD FLOOR, PLOT NO.E7, ROAD NO.22, WAGLE INDUSTRIAL AREA, THANE (W)-400 604 Maharashtra India
(72)**Name of Inventor :**
1)DAS, GAUTAM KUMAR
2)ARULMOLI, THANGAVEL
3)SUMANGALA, V
4)KAYARMAR, RESHMA
5)PATGAR, PRASAD NARASIMHA
6)RAMA, RAKESH KOTIAN
7)VASUDEVA, PEJAKALA KAKRANNAYA

(57) Abstract :
The present invention relates to a novel process for the preparation of an anaesthetic drug Midazolam of formula I which comprises reductive amination of l-{4-chloro-2-[2-(2-fluorophenyl)-l,3-dithiolan-2-yl]phenyl}-5-methyl-lH-imidazole-5-carboxaldehyde using a reducing agent and ammonia in an alcoholic solvent to obtain 1-(l-{4-chloro-2-[2-(2-fluorophenyl)-l,3-dithiolan-2-yl]phenyl}-2-methyl-lH-imidazol-5-yl)methanamine followed by deprotection and cyclization of the obtained l-(l-{4-chloro-2-[2-(2-fluorophenyl)-l,3-dithiolan-2-yl]phenyl}-2-methyl-lH-imidazol-5-yl)methanamine using a reagent in presence of a monochlorobenzene .

No. of Pages : 15 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/01/2013

(21) Application No.255/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR MERCHANDISING ON AN ELECTRONIC DEVICE WITH INSTANTANEOUS LOAN AND INSURANCE

(51) International classification :G06Q30/06
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :NIRMAL BUILDING, 9TH FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)N, GANAPATHY SUBRAMANIAM
2)SHARIFF, MOHAMMED YOUSUF
3)GARG, SHALIN
4)VALLAT, SATHISH

(57) Abstract :
A system and method to enable merchandising on an electronic device is disclosed. The system enables instantaneous loan for the purchase of a product and accordingly generate a customized insurance policy for the purchased product in a purchase lifecycle. The system analyzes financial transaction data of buyers financial instruments and accordingly suggests the best mode of splitting the transaction amount of the product over the financial instruments owned by the buyer. The system further enable biometric authentication of the buyer on the electronic device before granting an instantaneous loan for the purchase of said product. The electronic device is further enabled with means to transmit digitally signed transaction documents to the buyer.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2013

(21) Application No.2495/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR FABRICATION OF PHARMACEUTICAL COMPOSITIONS USING SUPERCRITICAL FLUIDS

(51) International classification	:A61K47/34, A61K47/32, A61K9/14
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PATRAVALE VANDANA BHARAT
Address of Applicant :PHARMACEUTICAL SCIENCES AND TECHNOLOGY DEPARTMENT, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), NATHALAL PAREKH MARG, MATUNGA (EAST) MUMBAI 400 019, Maharashtra India
(72)**Name of Inventor :**
1)PATRAVALE; VANDANA BHARAT
2)FERNANDES; CLARA BERNARD
3)SWAMI; MEGHA VISHWANATH
4)VELHAL; MILIND KRISHNAJI

(57) Abstract :
The present invention relates to a method for preparing pharmaceutical compositions comprising fine particles of at least one active substance, dispersed on and (or) within a particulate carriers. This method is characterized in that a supercritical solution of at least one active substance with polymer or lipid or lipid-oil in presence of supercritical fluid at supercritical pressure, said solution then being expanded in a chamber under temperature and pressure conditions for which a part of said fluid is in the liquid state at the time of the expansion, said fluid thus expanded being brought into contact with the surface of the aqueous stabilizer solution in said chamber under stirring and sonication to achieve the nano size pharmaceutical composition.

No. of Pages : 32 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2013

(21) Application No.2496/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ENERGY EFFICIENT COOKING VESSEL

(51) International classification	:A47J36/36, A47J 27/00
(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)PANDIT; ANIRUDDHA BHALCHANDRA
Address of Applicant :DEPARTMENT OF CHEMICAL ENGINEERING, INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED UNIVERSITY), NATHALAL PARKKH MARG, MATUNGA (EAST) MUMBAI 400 019, Maharashtra India
2)PATEL; SHIRISH BHAILAL
(72)**Name of Inventor :**
1)PANDIT; ANIRUDDHA BHALCHANDRA
2)PATEL; SHIRISH BHAILAL
3)SHINDE; YOGESH HANUMANT

(57) Abstract :
The present invention relates to a cooking vessel for efficient and complete cooking of rice, lentils, vegetables, meat etc. The cooking vessel of invention is particularly very efficient in cooking, ensures complete cooking of food, require less time for cooking which can saves fuel upto 22%. The cooking vessel of invention further eliminates the dead zone in the central bottom region of vessel where at least some fluid convection needs to occur ensuring the exchange of heat. To eliminates dead zone and to improve the convective currents in vessel perforated cylinder, perforated plate at the bottom wall, perforated cylinder and plate at the bottom are employed for overall food cooking efficiency, requiring less time and saving fuel.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2013
(21) Application No.2497/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR SPECIFYING AND EXECUTING EXPRESSIVE DECISION TABLES SPECIFICATIONS

(51) International classification	:G06F11/3676,G06F 17/00
(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)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building, 9th Floor, Nariman Point, Mumbai 400021, Maharashtra, India
(72)**Name of Inventor :**
1)KRISHNA, Goldsmith Murali
2)SHROTRI, Ulka Aniruddha
3)R, Venkatesh

(57) Abstract :
System and method for validating a specification associated with a software application and/or a hardware is disclosed. The specification comprising expected behaviour requirements specified in a specification language and the semantics in the tabular notation is received. In order to validate the specification, a string may be identified for the specification. The string may indicate characters conforming to the specification language. Upon identifying the string, a token may be generated using the string. The token may be a binary representation of the string. The token may be arranged into a data structure. The specification is checked to conform to the specification language. Two or more specifications specified in the specification language are merged. A test case is generated from the validated specification. The expected behaviour with the actual behaviour of the specification is validated.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :15/05/2013

(21) Application No.1749/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHARMACEUTICAL ANTIRETROVIRAL COMPOSITIONS

(51) International classification	:A61K31/427, A61K31/675
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)CIPLA LIMITED
Address of Applicant :CIPLA HOUSE, PENINSULA BUSINESS PARK, GANPATRAO KADAM MARG, LOWER PAREL, MUMBAI-400 013, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)MALHOTRA, GEENA
2)PURANDARE, SHRINIVAS MADHUKAR

(57) Abstract :
The present invention relates to pharmaceutical antiretroviral compositions comprising a combination of antiretroviral agents, the manufacturing process thereof and use of the said compositions for the prevention, treatment or prophylaxis of diseases caused by retroviruses, specifically acquired immune deficiency syndrome or an HIV infection

No. of Pages : 78 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :16/07/2013

(21) Application No.2377/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ROTOR CONTROL

(51) International classification :H02P25/02
(31) Priority Document No :GB 1219291.0
(32) Priority Date :26/10/2012
(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

(71)**Name of Applicant :**
1)CONTROL TECHNIQUES LTD
Address of Applicant :THE GRO, POOL ROAD, NEWTOWN, POWYS, SY16 3BE, UNITED KINGDOM
(72)**Name of Inventor :**
1)HART SIMON DAVID

(57) Abstract :
A method arranged to control a motor for driving a load is disclosed. The motor and load form at least a part of a system and the motor comprises a stator arranged to produce a varying magnetic field responsive to an applied AC voltage and a rotor arranged to rotate responsive to the varying magnetic field produced by the stator, the rotor rotating at a speed synchronised to a frequency of the applied AC voltage. The method comprises receiving a target rotor speed, determining a voltage level for the applied AC voltage for producing a magnetic field having magnetic flux of sufficient magnitude to maintain the rotor in synchronisation with the frequency of the applied AC voltage when rotating at the target speed of rotation. The voltage level is determined in accordance with the target rotor speed and a model of the system. The model comprising a plurality of model elements, wherein one or more of the model elements is indicative of an effect of one or more parts of the system on rotation of the rotor when the speed of the rotor is constant and one or more of the model elements are indicative of an effect of one or more parts of the system on rotation of the rotor when the speed of the rotor is dynamic. The method further comprising applying the applied AC voltage to the stator at the determined voltage level and at a frequency required to provide the target rotor speed.

No. of Pages : 25 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :29/07/2013

(21) Application No.2500/MUM/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SEASONED FOOD COMPOSITIONS AND METHOD FOR PREPARING THE SAME

(51) International classification	:A23L1/01, A23L1/223
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) 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)WORLD FOODS PVT. LTD.
Address of Applicant :55/6, SAILSBURY PARK, GULTEKADI, PUNE - 411037, MAHARASHTRA, INDIA
(72)**Name of Inventor :**
1)SANCHETI VICKYKUMAR RAMESHLALJI

(57) Abstract :
The present disclosure relates to a ready to cook rice composition and its process of preparation. The composition consists of 60 to 85 wt% processed rice grains uniformly coated with an oil based flavor mix, 5 to 10 wt% flavor mix and 10 to 25 wt% spice mix such that the moisture content of the composition is less than 10%. The composition of the present disclosure has a shelf life ranging from 8 months to 12 months.

No. of Pages : 26 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2488/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DIAMETER SESSION AUDITS

(51) International classification :H04W28/24,H04W4/26,H04W8/18
(31) Priority Document No :13/275515
(32) Priority Date :18/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2012/050728
Filing Date :17/10/2012
(87) International Publication No :WO 2013/056365
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)**Name of Inventor :**
1)MANN Robert A.
2)YEUNG Lui Chu
3)MA Haiqing

(57) Abstract :
Various exemplary embodiments relate to a method and related network node including one or more of the following: determining by the network device that an S9 session should be audited; determining that the S9 session is a suspect session; transmitting an S9 message to a partner device wherein the S9 message includes an innocuous instruction; receiving at the network device a response message from the partner device; determining based on the response message whether the suspect session is orphaned; and if the suspect session is orphaned removing an S9 session record associated with the suspect session.

No. of Pages : 49 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2489/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ADAPTIVE SIGNAL SCALING IN NFC TRANSCEIVERS

(51) International classification :G06K7/00,G06K19/07
(31) Priority Document No :13/282328
(32) Priority Date :26/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062286
Filing Date :26/10/2012
(87) International Publication No :WO 2013/063514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 U.S.A.
(72)**Name of Inventor :**
1)MARCU Cristian
2)SAVOJ Jafar

(57) Abstract :
Exemplary embodiments are directed to adaptive signal scaling in NFC transceivers. A transceiver may include a programmable load modulation element configured for load modulation in a tag mode. Further the transceiver may include a sensing element for measuring an amount of power harvested by the transceiver in the tag mode. The transceiver may also include a controller configured for adjusting a depth of load modulation of the programmable load modulation element depending on the amount of power harvested.

No. of Pages : 34 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :04/04/2014
(21) Application No.2570/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PAPER MONEY DETECTION AND COUNTING DEVICE AND DETECTION AND COUNTING METHOD

(51) International classification :G07D11/00
(31) Priority Document No :201210181661.X
(32) Priority Date :04/06/2012
(33) Name of priority country :China
(86) International Application No :PCT/CN2013/073170
Filing Date :26/03/2013
(87) International Publication No :WO 2013/181962
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GRG BANKING EQUIPMENT CO. LTD.
Address of Applicant :9 Kelin Road Science City Luogang District Guangzhou Guangdong 510663 China
(72)**Name of Inventor :**
1)LIAO Junqing

(57) Abstract :
A paper money detection and counting device comprises: a sensor unit (10) which is used for converting the output signals of a plurality of sensors distributed on a paper money transmission passage into a transmission state which characterizes whether paper money is present or not each sensor corresponding to a paper money counter; a calculation unit (20) which calculates the paper money distance between the current detection position of any sensor and the front end position of the currently detected paper money according to the transmission state output by the sensor unit (10); and a control unit (30) once the paper money distance calculated by the calculation unit (20) goes beyond a paper money spacing standard value the control unit (30) looking up the transmission states output accumulatively by the sensors currently when it is found that at least one transmission state characterizes that the paper money state changes from existence to nonexistence adding 1 to the count value of the paper money counter corresponding to the sensor and when it is found that at least one transmission state characterizes that the paper money state changes from nonexistence to existence judging that the current paper money detection is completed and sending to the calculation unit (20) the position where the paper money distance from the front end of the currently detected paper money is closest to the paper money spacing standard value as the front end position of the next detected paper money so as to enable the calculation unit (20) to use the front end position of the next detected paper money as an initial position to calculate the distance of the next paper money.

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

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

(21) Application No.2571/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STEEL WIRE FOR BOLT BOLT AND MANUFACTURING PROCESSES THEREFOR

(51) International classification :C22C38/38,C22C38/58,C21D8/06
(31) Priority Document No :2011223114
(32) Priority Date :07/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075401
Filing Date :01/10/2012
(87) International Publication No :WO 2013/051513
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA KOBE SEIKO SHO
Address of Applicant :10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan
2)SUGITA WIRE LTD.
(72)**Name of Inventor :**
1)CHIBA Masamichi
2)MATSUMOTO Yousuke
3)SUGITA Ichiro
4)TANIMOTO Masaru

(57) Abstract :
An excellently cold forgeable steel wire for a high strength bolt which is a non quenched and tempered bolt that is produced without carrying out a quenching and tempering step subsequent to the forming of a steel material into a bolt and that exhibits a tensile strength of 1200MPa or higher and excellent lagging destruction resistance. This steel wire contains C Si Mn P S Cr Al N and B and further contains at least one element selected from the group consisting of Ti V and Nb with the balance being of Fe and unavoidable impurities. Further the steel wire is characterized by: being provided with a microstructure wherein the total area fraction of ferrite and pearlite is 98% or more and the lamellar spacing of pearlite is 250nm or less with the area fraction of pearlite exceeding 40% and being up to 80%; and exhibiting a tensile strength of 1300MPa or less.

No. of Pages : 47 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

(21) Application No.2615/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LIQUID MOLDING RESIN WITH NONSWELLING MICA

(51) International classification :B28B1/00
(31) Priority Document No :13/299477
(32) Priority Date :18/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/065157
Filing Date :15/11/2012
(87) International Publication No :WO 2013/074719
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)METTON AMERICA INC.
Address of Applicant :2727 Miller Cut Off Road LaPorte TX 77571 U.S.A.
2)MARUZEN PETROCHEMICAL CO. LTD.
(72)**Name of Inventor :**
1)BABA Hiromitsu
2)KATO Takeshi
3)MINAMI Hiroyuki
4)ABE Masanori
5)YOKOO Yusuke
6)WEST Beau Jeremy

(57) Abstract :
A liquid molding resin component for use in a reaction injection molding process includes a liquid resin reaction monomer including metathesis polymerizable cycloolefin and a plurality of nonswelling mica. The plurality of nonswelling mica have an average particle size in a range of about 35 micro m to about 500 micro m and have a bulk density in a range of about 0.10 g/ml to about 0.27 g/ml. Further a liquid resin component system for use in a reaction injection molding process includes a plurality of liquid resin components that each include a reaction monomer including metathesis polymerizable cycloolefin. At least one of the liquid resin components includes a catalyst component of a metathesis polymerization catalyst system and at least one of the liquid resin components includes an activator component of a metathesis polymerization catalyst system and at least one of the liquid resin components includes a plurality of nonswelling mica having an average particle size in a range of about 35 micro m to about 500 micro m and having a bulk density in a range of about 0.10 g/ml to 0.27 g/ml.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

(21) Application No.2616/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TREATMENT PROTOCOL OF DIABETES TYPE 2

(51) International classification :A61K38/26,A61K38/28,A61K31/155
(31) Priority Document No :11187169.5
(32) Priority Date :28/10/2011
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2012/071271
Filing Date :26/10/2012
(87) International Publication No :WO 2013/060850
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SANOFI AVENTIS DEUTSCHLAND GMBH
Address of Applicant :Br¼ningstrasse 50 65929 Frankfurt Germany
(72)**Name of Inventor :**
1)SILVESTRE Louise
2)SOUHAMI Elisabeth
3)WEI Xiaodan

(57) Abstract :
The present invention refers to a treatment protocol for diabetes type 2 patients.

No. of Pages : 76 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

(21) Application No.2617/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ROTARY EVAPORATOR

(51) International classification :B01D3/08,F16L27/08
(31) Priority Document No :20 2011 106 544.1
(32) Priority Date :08/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/004000
Filing Date :25/09/2012
(87) International Publication No :WO 2013/050111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KNF NEUBERGER GMBH
Address of Applicant :Alter Weg 3 79112 Freiburg Germany
(72)**Name of Inventor :**
1)HAUSER Erwin
2)BECKER Erich

(57) Abstract :
The present invention relates to a rotary evaporator (1) to which a clamping insert (59) having a sleeve like base shape is associated for clamping a vapor feedthrough which has the design of a glass hollow shaft (8) in the hub (58) of a rotational drive (57). The clamping insert (2) comprises clamping sections (K1 K2) which are spaced apart in the longitudinal direction and carry each at least one clamping slope (63 64) which is beveled relative to the longitudinal axis of the clamping insert (59). The beveled clamping slopes interact with the associated counter slopes (65 66) of the rotational drive (57) such that the clamping sections (K1 K2) are pressed against the glass hollow shaft (8) when axial pressure of the clamping insert (59) is applied. In one embodiment of the invention the clamping insert (59) comprises supporting webs (60) which are oriented in the longitudinal direction thereof said supporting webs being connected to each other via connecting webs (61 62) which are oriented in the circumferential direction of the clamping insert (59). The connecting webs (61 62) alternately connect to each other the web end regions of adjacent supporting webs (60) which are arranged either on the one or the other side of the clamping insert (59). The supporting webs (60) and the connecting webs (61 62) are connected to form the sleeve like base shape of the clamping insert (59) such that the spaced apart clamping sections (K1 K2) are formed by the connecting webs (61 62) which are provided at the opposite ends of the clamping insert (59) and support the clamping slopes (63 64). In another embodiment of the invention the sealing ring (76) is designed as an annular disk wherein the outer annular zone (78) of the annular disk is provided as a clamping edge the annular disk has an inner annular zone (79) which is folded or angled in the longitudinal direction of the glass hollow shaft (8) and the sealing ring (76) bears sealingly against the glass hollow shaft (8) with a partial region (T) of the annular disk said partial region being oriented in the longitudinal direction of the glass hollow shaft (8).

No. of Pages : 46 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2486/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ORGANIZATION OF ROAMING PARTNER REALMS INTO PRIMARY AND SECONDARY

(51) International classification	:H04W76/02,H04W36/34,H04W4/26
(31) Priority Document No	:13/275446
(32) Priority Date	:18/10/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/CA2012/050727 :16/10/2012
(87) International Publication No	:WO 2013/056364
(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)ALCATEL LUCENT
Address of Applicant :3 avenue Octave Grard F 75007 Paris France
(72)**Name of Inventor :**
1)MANN Robert A.
2)YEUNG Lui Chu

(57) Abstract :
Various exemplary embodiments relate to a method performed by a policy and charging rales node (PCRN) of communicating with a roaming partner. The method may include: defining a roaming partner profile including a network identifier and a primary realm; receiving a session establishment request at the PCRN; extracting a subscription identifier from the session establishment request; determining an active roaming partner by comparing the subscription identifier to the network identifier; and establishing an S9 session with the primary realm of the active roaming partner. Another method may include : defining a roaming partner profile including a primary realm and at least one secondary realm; receiving an S9 session establishment request; extracting an origin realm from the S9 session establishment request; determining an active roaming partner by comparing the origin realm to the primary realm and the secondary realms of the roaming partner profile; and responding to the S9 session establishment request.

No. of Pages : 36 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2487/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR INTELLIGENT ROUTING OF HEALTH INFORMATION

(51) International classification :G06Q50/24
(31) Priority Document No :61/540811
(32) Priority Date :29/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/057991
Filing Date :28/09/2012
(87) International Publication No :WO 2013/049618
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COGNOSANTE HOLDINGS LLC
Address of Applicant :7926 Jones Branch Drive Suite 330 McLean Virginia 22102 U.S.A.
(72)**Name of Inventor :**
1)COTHREN Robert M.
2)WILL Dale

(57) Abstract :
An intelligent router for performing functions such as data aggregation from multiple sources data mining business intelligence analysis exploratory data analysis confirmatory data analysis predictive data analysis text analytics and routing of the results to the appropriate recipient(s) at the appropriate time. The router may comprise an authorization/access manager a business rules management system routing engine data aggregator community data analytics engine.

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

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

(21) Application No.2574/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS FOR TAGGING DNA ENCODED LIBRARIES

(51) International classification :C40B50/16,C40B50/14
(31) Priority Document No :61/531820
(32) Priority Date :07/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/054228
Filing Date :07/09/2012
(87) International Publication No :WO 2013/036810
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)X CHEM INC.
Address of Applicant :100 Beaver Street Suite 101 Waltham MA 02453 U.S.A.
(72)**Name of Inventor :**
1)KEEFE Anthony D.
2)WAGNER Richard W.
3)LITOVCHICK Alexander
4)CLARK Matthew
5)CUOZZO John W.
6)ZHANG Ying
7)CENTRELLA Paolo A.
8)HUPP Christopher D.

(57) Abstract :
The present invention relates to oligonucleotide encoded libraries and methods of tagging such libraries. In particular the methods and oligonucleotides can include one or more 2 substituted nucleotides such as 2 O methyl or 2 fluoro nucleotides and other conditions or reagents to enhance enzyme ligation or one or more chemical functionalities to support chemical ligation.

No. of Pages : 131 No. of Claims : 94

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2014

(21) Application No.2652/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LOW WARPAGE WAFER BONDING THROUGH USE OF SLOTTED SUBSTRATES

(51) International classification :H01L21/20
(31) Priority Document No :61/549772
(32) Priority Date :21/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055357
Filing Date :05/10/2012
(87) International Publication No :WO 2013/057617
(61) 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 5621 BA Eindhoven Netherlands
(72)**Name of Inventor :**
1)DE SAMBER Marc Andr
2)VAN GRUNSVEN Eric Cornelis Egbertus
3)ENGELEN Roy Antoin Bastiaan

(57) Abstract :
In a wafer bonding process one or both of two wafer substrates are scored prior to bonding. By creating slots in the substrate the wafer s characteristics during bonding are similar to that of a thinner wafer thereby reducing potential warpage due to differences in CTE characteristics associated with each of the wafers. Preferably the slots are created consistent with the singulation/dicing pattern so that the slots will not be present in the singulated packages thereby retaining the structural characteristics of the full thickness substrates.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2014

(21) Application No.2653/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN OPTICAL ACOUSTIC PANEL

(51) International classification :E04B1/84,E04B9/00,G10K11/172
(31) Priority Document No :61/549299
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055096
Filing Date :25/09/2012
(87) International Publication No :WO 2013/057610
(61) 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)SWINKELS Stefan Henricus
2)VISSENBERG Michel Cornelis Josephus Marie

(57) Abstract :
An optical acoustic panel 100 for absorbing sound and providing a daylight appearance and a luminaire are provided. The optical acoustic panel 100 comprises a first side 114 a second side 104 a micro perforated foil 110 and a spacing structure 108. The first side 114 receives sound. The second side104 is opposite the first side 114 and receives light. The micro perforated foil 110 comprises sub millimeter holes 112 is light transmitting and is arranged at the first side114. The sub millimeter holes 112 are entrance holes of a cavity. The spacing structure 108 spaces the first side 114 at a predefined distance from the second side 104. The spacing structure 108 comprises a plurality of light transmitting cells 106. The light transmitting cells 106 comprise a light transmitting channel 118 a light exit window 122 a light input window 120 and a wall 116. The light transmitting channel 118 collimates a part of the light received at the second side 104 of the optical acoustic panel 100. The light transmitting channels 118 extend from the first side 114 towards the second side 104 and are filled with air. The light input window 120 is arranged at the second side 104. At least a part of the light exit window 122 being arranged at the first side 114. The wall 116 is interposed between the light input window 120 and the part of the light exit window 122. The wall 116 encloses the light transmitting channel 118. At least a part of the wall 116 being reflective or transmissive in a predefined spectral range for obtaining a blue light emission at relatively large light emission angles with respect to a normal to the first side 114.

No. of Pages : 37 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2500/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ADJUSTABLE IN LINE ON DEMAND CARBONATION CHAMBER FOR BEVERAGE APPLICATIONS

(51) International classification :B01F3/04
(31) Priority Document No :61/545794
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/059675
Filing Date :11/10/2012
(87) International Publication No :WO 2013/055869
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FLOW CONTROL LLC.
Address of Applicant :1 Kondelin Road Gloucester Massachusetts 01930 U.S.A.
(72)**Name of Inventor :**
1)PHILLIPS David L.
2)ROMERO Robert J.
3)VERDUGO Christopher H.

(57) Abstract :
Apparatus including a carbonation chamber is provided that includes a mixing and metering member and a gas adjustment member. The mixing and metering member is configured to respond to a fluid including water and an adjustable amount of gas including CO and may be configured to provide a mixture of the fluid and the gas. The gas adjustment member is configured to receive the gas including from a gas inlet and to provide the adjustable amount of gas to the mixing and metering member based at least partly on an adjustable axial relationship between the mixing and metering member and the gas adjustment member in order to control a desired carbonation level of the mixture.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2501/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TREATING PANCREATIC CANCER AND NON SMALL CELL LUNG CANCER WITH ATR INHIBITORS

(51) International classification :A61K31/505,A61K31/506,A61P35/00
(31) Priority Document No :61/542084
(32) Priority Date :30/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/058374
Filing Date :01/10/2012
(87) International Publication No :WO 2013/049859
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)VERTEX PHARMACEUTICALS INCORPORATED
Address of Applicant :130 Waverly Street Cambridge MA 02139 U.S.A.
(72)**Name of Inventor :**
1)POLLARD John Robert
2)REAPER Philip Michael

(57) Abstract :
This invention relates to methods and compositions for treating pancreatic cancer. More specifically this invention relates to treating pancreatic cancer with certain ATR inhibitors in combination with gemcitabine and/or radiation therapy. This invention also relates to methods and compositions for treating non small cell lung cancer. More specifically this invention relates to treating non small cell lung cancer with an ATR inhibitor in combination with cisplatin or carboplatin etoposide and ionizing radiation.

No. of Pages : 54 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2014

(21) Application No.2654/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DRIVER FOR CONNECTING LED TO ELECTRONIC BALLAST

(51) International classification :H05B33/08
(31) Priority Document No :61/549360
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055652
Filing Date :17/10/2012
(87) International Publication No :WO 2013/057669
(61) 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)TAO Haimin

(57) Abstract :
To allow an electronic ballast (3) of a fluorescent tube lamp or a similar lamp to be replaced by a light emitting diode circuit (2) without removing the electronic ballast (3) a driver (1) is provided with a first circuit (10) for detuning a resonant tank of the electronic ballast (3). The first circuit (10) comprises a serial connection of a capacitor (11) and a bidirectional switch (12). The serial connection is coupled to the electronic ballast (3) for receiving an alternating current signal. The driver (1) is provided with a second circuit (20) for providing a direct current signal to the light emitting diode circuit (2). The second circuit (20) comprises a rectifier with inputs coupled to the serial connection and with outputs coupled to the light emitting diode circuit (2). Further the driver (1) is provided with a third circuit (30) for providing a control signal to the first circuit (10) for controlling an amount of power supplied to the light emitting diode circuit (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2014

(21) Application No.2655/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SHAPE SENSING ASSISTED MEDICAL PROCEDURE

(51) International classification :A61B1/267,A61B5/06,A61B6/12
(31) Priority Document No :61/549281
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055415
Filing Date :08/10/2012
(87) International Publication No :WO 2013/057620
(61) 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)KLINDER Tobias
2)RAMACHANDRAN Bharat
3)MANZKE Robert
4)CHAN Raymond

(57) Abstract :
A system and method for shape sensing assistance in a medical procedure includes a three dimensional image (111) of a distributed pathway system (148). A shape sensing enabled elongated device (102) is included for insertion into the pathway system to measure a shape of the elongated device in the pathway system. A pathway determination module(144) is configured to compute a planned path to a target in the three dimensional image and compute permissible movements of the elongated device at diverging pathways in the pathway system to provide feedback for deciding which of the diverging paths to take in accordance with the planned path.

No. of Pages : 27 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2014

(21) Application No.2656/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PATIENT INTERFACE DEVICE INCLUDING A MODULAR HUB INTERFACE

(51) International classification :A61M16/06
(31) Priority Document No :61/549430
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055558
Filing Date :12/10/2012
(87) International Publication No :WO 2013/057647
(61) 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)ROTHERMEL Justin Edward

(57) Abstract :
A patient interface device includes a cushion member having a first side a second side and a first outer perimeter. The first side is structured to form a seal with a patient s face for delivering a flow of breathing gas to the patient. A modular hub is attached to the second side of the cushion member. The modular hub includes a receiver and a second outer perimeter. The second outer perimeter of the modular hub is disposed inward of the first outer perimeter of the cushion member when the patient interface device is viewed from a front elevation perspective.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

(21) Application No.2618/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : FORMULATION FOR THE CONTROLLED RELEASE OF ONE OR SEVERAL SUBSTANCES IN THE DIGESTIVE TRACT OF A MAMMAL

(51) International classification :A61K9/22
(31) Priority Document No :10 2011 112 501.2
(32) Priority Date :07/09/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/IB2012/054655
Filing Date :07/09/2012
(87) International Publication No :WO 2013/035081
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SAUR BROSCH Roland
Address of Applicant :Lucas Cranach Strae 4 69126 Heidelberg Germany
(72)**Name of Inventor :**
1)SAUR BROSCH Roland

(57) Abstract :
The present invention relates to a formulation for the controlled release of active ingredients after the passage of the ileo cecal valve comprising one or more active ingredients or one or more active ingredient containing cores (W) enveloped by one or more envelopments (C) which are dissoluble or permeable above an individual defined pH value and are dissoluble or permeable below another individual defined pH value again enveloped by an envelopment (E) which is dissoluble or permeable above still another individual defined pH value.

No. of Pages : 113 No. of Claims : 31

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

(21) Application No.5897/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THIN WAL LAMINATED MOUNTING TRAY FOR AVIONICS APPLICATION

(51) International classification :b23D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)PURUSHOTHAM BHUPATHI
2)LAKSHMANA KUMAR MATHA
3)PRABAKAR MOKIDE

(57) Abstract :
The thin wall laminated mounting trays for Avionics LRU, is designed where there is no compromise in strength to the dimensional parameters and weight. High strength materials such as steels and light weight aluminium alloy sheets are commonly used to achieve high strength to weight ration of the mounting tray. This mounting tray is made of Aluminium alloy sheets laminated with rivets, locating bracket at the rear end and two front hold downs. The strength of the tray can also be increased by making metal sheet laminates because the strength of laminated sheets are comparatively high with sheet having thickness equivalent to the thickness of laminate. This falls under the rigid type category and meets the ARINC 404 specifications. The tray is designed with two high strength Aluminium alloy sheets laminated with rivets. The top sheet is 2.0 mm thick bent in to the tray shape with suitable bend radii for minimum stress concentration. The two flanges provided either side of the tray is given taper to bear high loads. The front end of the tray is provided with a flange which imparts strength to the front end and provides space for name plate. The bottom sheet is made of plain aluminium sheet with 1.6 mm thickness joined with rivets to form the laminate. The strength of the laminated sheets is comparatively high with sheet having thickness equivalent to the thickness of laminate. A locating bracket is fixed at the rear side of the tray that holds two locating pins. Two ratchet type positive locking front hold downs are provided at the front portion to lock LRU with the tray. The tray is also provided with 8 holes for air craft fixing.

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

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

(21) Application No.5898/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : U BRACKET FOR RENIFORCEMENT OF STANDARD AND NON STANDARD ATR SIZE AVIONICS MOUNTING TRAY

(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

(71)**Name of Applicant :**
1)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)LAKSHMANA KUMAR MATHA

(57) Abstract :
The joint at rear end of the Avionics mounting tray should be high enough to withstand to the vibration and shock loading , especially in arrestor landing test. Mounting tray carries two locating pins/dowel pins at this side through which total induced vibration or shock loading transferred to the tray at rear side. The total induced forces are concentrated at these two pins only. Therefore the joint and bearing member to which these pins are fixed should also have enough strength to resist the coming forces especially in Arrestor landing shock test. The U Bracket is designed for any ATR sized and non ATR sized Avionics mounting tray is to reinforce the joint at which it is fixed. The geometrical shape U is made to increase the Section Modulus of the bracket to withstand forces in lateral direction.U shaped bracket riveted at the rear side of the mounting tray increases the strength of the joint and to eliminate the welded joint. It has two flanges at both ends in addition to the U shaped bend. The bracket is made of SS-304 grade sheet of 1 mm thickness with proper bending radii and corner relief for minimum stress concentration. Use of stainless steel provides harder bearing area to the locating pin/ dowel pins. The rear side of the mounting tray is formed to its shape with lapping of sheets. The pilot holes of diameter 2.1mm are drilled initially, through which rivets pass, on mounting tray and the U bracket. The bracket is placed at the appropriate position and clamped temporarily, then enlarge the holes to suit to the size of the rivet. Suitable rivets are riveted and complete the joint with suitable head forming tool.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2014
(21) Application No.2533/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SIMPLE SUSPENSION BRIDGE TYPE BELT CONVEYOR

(51) International classification :B65G15/00,B65G21/00,B65G15/60
(31) Priority Document No :201110356125.4
(32) Priority Date :11/11/2011
(33) Name of priority country :China
(86) International Application No :PCT/CN2012/075964
Filing Date :23/05/2012
(87) International Publication No :WO 2013/067808
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ZHANG Zhilin
Address of Applicant :R404 Building 77 Guihua New Village Zhuhui Road Canglang District Suzhou Jiangsu 215006 China
(72)**Name of Inventor :**
1)ZHANG Zhilin

(57) Abstract :
A simple suspension bridge type belt conveyor comprises a simple suspension bridge body (1) a conveyor belt (2) a trough support roller apparatus (3) and a circular support roller apparatus (4). A plurality of supporting pillars (5) are arranged beneath the simple suspension bridge body (1); the trough support roller apparatus (3) and the circular support roller apparatus (4) are fixed on the simple suspension bridge body (1). The conveyor conveys materials on the conveyor belt (2) which is moving through the trough support roller apparatus (3) and the circular support roller apparatus (4). The simple suspension bridge type belt conveyor enables the conveyor belt (2) to pass over the pillars (5) of simple suspension bridge without overstressing the conveyor belt (2) and has lower manufacturing cost and higher conveying efficiency.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2014
(21) Application No.2534/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM USING SOLAR ENERGY

(51) International classification :F24H1/00,F24J2/00,F25B1/00
(31) Priority Document No :2011223365
(32) Priority Date :07/10/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/075763
Filing Date :04/10/2012
(87) International Publication No :WO 2013/051642
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HITACHI LTD.
Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku Tokyo 1008280 Japan
(72)**Name of Inventor :**
1)KIKUCHI Hiroshige
2)MIZUSHIMA Takanari

(57) Abstract :
Provided is a system using solar energy in which solar energy use efficiency is improved over the prior art. The system using solar energy is provided with a solar cell (1) and obtains power from the solar cell (1) wherein the system using solar energy is characterized by being provided with the following: a first heat exchanger (2) for cooling the solar cell (1); a heat pump (3) connected to the first heat exchanger (2); a circulation pump (4) for causing a heat medium to circulate between the first heat exchanger (2) and the heat pump (3); and a flow rate control unit (5) for changing the flow rate of the circulation pump (4). Or the system using solar energy is characterized by being provided with the following: a first heat exchanger (2) for cooling the solar cell (1); a second heat exchanger (3e) connected to the first heat exchanger (2); a circulation pump (4) for causing a heat medium to circulate between the first heat exchanger (2) and the second heat exchanger (3e); and a flow rate control unit (5) for changing the flow rate of the circulation pump (4).

No. of Pages : 37 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

(21) Application No.2614/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED POUCH AND VALVE ASSEMBLY PACKAGE FOR CONTAINING AND DISPENSING A FLUENT SUBSTANCE

(51) International classification :B65D35/28
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2011/059104
Filing Date :03/11/2011
(87) International Publication No :WO 2013/066328
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)APTARGROUP INC.
Address of Applicant :475 West Terra Cotta Suite E Crystal Lake IL 60014 9695 U.S.A.
(72)**Name of Inventor :**
1)WERNER Jonathan D.
2)NEUHALFEN Mark G.
3)MARQUARDT Gerald J

(57) Abstract :
A package (52) is provided for containing and dispensing a fluent product. The package (52) defines a longitudinal axis (23) and includes a fitment body (18) and a collapsible pouch (12) for containing a fluent product to be dispensed the pouch (12) defined by at least two opposing flexible web portions (24) and gusset portion (42). The fitment body (18) extends from a dispensing end (33) of the pouch (12) with the fitment body (18) being sandwiched between the flexible web portions (24) and the flexible web portions (24) being welded to each other and to the fitment body (18) at an end seal (32). An improved robust corner seal construction (54) is provided where each of the flexible web portions (24) is joined to the gusset portion (42).

No. of Pages : 22 No. of Claims : 8

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

(21) Application No.5904/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AUTOMATIC VOLTAGE GENERATOR HYBIRD FOR AIRBORNE UHF COMMUNICATION SYSTEM

(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

(71)**Name of Applicant :**
1)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)CHORAGUDI ASHOK KUMAR
2)GADDALA SUNKANNA

(57) Abstract :
Modern airborne systems shall be of less in weight and size. To reduce the size and weight, Hybrid Micro Electronic Technology is used in UHF Communication System. Automatic Voltage Generator Hybrid shall generate the tuning voltage required for Voltage Controlled Oscillator (VCO) circuit for generation system frequency. This AVG Hybrid takes analog voltage from DAC. DACS gets data from Micro Controller IC where tuning data is stored. Depending up on the system frequency corresponding DAC voltage is provided to AVG Hybrid. AVG Hybrid amplifies and filters through OPAMP circuit. The amplified and filtered tuning voltage is fed to VCO through driving transistor stage. Apart from tuning voltage generation circuit, this Hybrid also has circuit to provided required commands for System operation.

No. of Pages : 9 No. of Claims : 2

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

(21) Application No.2528/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PHENYL GUANIDINE DERIVATIVES

(51) International classification :C07C279/18,C07D239/42
(31) Priority Document No :61/545804
(32) Priority Date :11/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2012/070004
Filing Date :10/10/2012
(87) International Publication No :WO 2013/053726
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)UNIVERSIDAD NACIONAL DE QUILMES
Address of Applicant :Roque S¡enz Pe±a 352 B1876BXD Bernal Buenos Aires Argentina
2)CHEMO RESEARCH S.L.
(72)**Name of Inventor :**
1)LORENZANO MENNA Pablo
2)ALONSO Daniel Fernando
3)GMEZ Daniel Eduardo
4)COM • N Julieta

(57) Abstract :
Provided herein are phenyl guanidine derivatives for the inhibition of Rac1 which blocks its interaction with guanosine exchange factors (GEFs) belonging to the DBL family as agents for the treatment of aggressive and/or resistant tumours as well as pharmaceutical compositions comprising them their use in therapy and processes for their preparation.

No. of Pages : 54 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

(21) Application No.2609/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SUNSHADE DEVICE

(51) International classification :B60J3/00,B60J7/00
(31) Priority Document No :2011198318
(32) Priority Date :12/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/072447
Filing Date :04/09/2012
(87) International Publication No :WO 2013/038951
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO. LTD.
Address of Applicant :1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan
(72)**Name of Inventor :**
1)HARA Shigeo
2)YOKOYAMA Shoichi

(57) Abstract :
A sunshade device is provided on an opening of a vehicle wherein the sunshade device is characterized by being equipped with a pair of winding devices disposed separated from each other sheet type shade members wound on the winding devices so as to be capable of being pulled out a frame member provided along the edge of the end for pulling out the shade members and a seal member blocking the space between the end for pulling out one shade member and the end for pulling out another shade member when the shades are closed in such a way that the ends for pulling out both shade members are matched against each other in the approximate center of the opening of the vehicle; and by a seal member being provided along the edge on the side of the end for pulling out the one shade member a hollow cross section being provided extending along the edge of the end for pulling out the other shade member on the frame member of the other shade member and the seal member abutting the hollow cross section of the frame member of the other shade member when the shade is closed.

No. of Pages : 39 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2013
(21) Application No.5910/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : 10 CHANNEL ANALOG OUTPUT FILTER HYBIRD MODULE OF CODE CARD OF AVIONICS EQUIPMENT FOR AIRBORNE APPLICATIONS

(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

(71)**Name of Applicant :**
1)SLRDC, HAL, HYDERABAD
Address of Applicant :AGM (D), SLRDC, AVIONICS DIVISION, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)YEGIREDDI SREEDHAR

(57) Abstract :
The BHEEM-EU is an avionic Line Replaceble Unit for Indegenous Fighter Aircraft consisting of on board microprocessor based data acquisition and processing system. It plays an important role in controlling the Wheel Brake Management system. Nose Wheel Steering system, Undercarriage system and Monitoring of the Engine, Electrical and Hydraulic Power supply distribution systems. To control or monitoring of above said systems, BHEEM-EU is interfaced elecrically with the above said systems. BHEEM-EU is designed in a moduler manner for data acquisition and processing. One of These modules is CODE (aid for data acqusation and generation. CODE card interface to above said systems through analog and discrete elecrical input/output signal format. The analog inputs signals contains noice along with the signals due to acquiring from various systems in a A/C.ln addition that acqusation circuits are designed for protection from surge/ high voltage signal/ short circuit protection from unwanted conditions. For this purpose, Low Pass filters are used to suppress the Noise and protection circuit for elemianate unwanted conditions. In CODE card, analog inputs are 10 No.s and CODE card is a standard lA ATR size moduler design. To accommadate all 36 analog inputs acqusation cricuts along with other inputs acqusation circuits, its need to be custom designed filter circuit for analog input acqusation.For this purpose 10 channel Hybrid Filter is designed for lowpass filter & protection in CODE board of BHEEM-EU.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2013
(21) Application No.5911/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : POWER CONTROL UNIT INCORPORATED IN PILOTLESS TARGET AIRCRAFT (LAKSHYA) ENGINE

(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

(71)**Name of Applicant :**
1)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)RAMESH JAYARAMAN

(57) Abstract :
The Power Control Unit is the associated unit of the PTAE-7 used for Hlotless Target Aircraft (PTA). This is rated for 40A load at 28V DC and handles 1.2 kW Power. The input to the PCU is a varying DC voltage of 35 to 60 V. The output of PCU is a 28 V DC regulated voltage. The design is based on buck type switching regulator. In order to handle higher power ,POWER MOSFETs are used as a switching device in the circuit. The power dissipated by the switching MOSFETs and the free wheeling diode in the form of heat is absorbed by the cooling liquid (aircraft fuel circulated for cooling purpose). The switching frequency employed is 30KHz. Pulse Width Modulation(PWM) technique is adopted in the design. The control and drive circuits are based accordingly. A special protection technique is evolved by using a current transformer to detect over current conditions which will protect the PCU unit in case of any eventualities.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :03/04/2014
(21) Application No.2527/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ETANERCEPT FORMULATIONS STABILIZED WITH AMINO ACIDS

(51) International classification :C07K14/81
(31) Priority Document No :61/548518
(32) Priority Date :18/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060738
Filing Date :18/10/2012
(87) International Publication No :WO 2013/059405
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COHERUS BIOSCIENCES INC.
Address of Applicant :201 Redwood Shores Parkway Suite 200 Redwood City CA 94065 U.S.A.
(72)**Name of Inventor :**
1)MANNING Mark
2)MURPHY Brian

(57) Abstract :
The invention provides stabilized aqueous pharmaceutical etanercept compositions stabilized with an amino acid and suitable for long term storage of etanercept methods of manufacture of these compositions methods of administration and kits containing same.

No. of Pages : 60 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2013
(21) Application No.5900/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROTECTIVE CASING FOR PANELS OF AVIONICS COCKPIT DISPLAY UNITS

(51) International classification :f16b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)PINNU SUMA

(57) Abstract :
Protective Casing is designed to protect the Cockpit display panels from physical corner damage, scratches, paint wear off and the adverse consequences of the paint erosion on the edges. Protective Casing shown in Fig:l is designed with very optimum wall thickness of about 1.5 mm only. Thus without adding much weight to the system, it actually insures the service of the Cockpit display panel. For the purpose of qualification tests of the Cockpit Display Units whether it is in the lab, assembly shop or in the field, the Cockpit display panel is opened and assembled again and again. As a consequence of this, the cockpit panel is damaged near fixing holes due to repeated assembling and disassembling with the aid of screw drivers. The fixing hardware head rests on the surface of the cockpit display panel and paint wears off near fixing holes. The basic material of cockpit panel is acrylic. One of the important properties of this material is to light transmission. So, from the damaged areas it permits light to transmit. The consequence is the light leakage from restricted areas of cockpit display panel. This causes hindrance to the pilot especially during night flying. The Protective Casing helps in protecting the cockpit display panel from issues quoted above by creating bearing surface area for the fixing screws. The screw head never rests on the surface of cockpit display panel. Protective Casing forms an interface surface to the cockpit display panel and the environment and protects it from the damage, scratches, paint wear off too. It also guards the cockpit display panel from abrasion and paint peel off on the edges.

No. of Pages : 14 No. of Claims : 4

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

(21) Application No.5901/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DZUS FASTENERS ASSEMBLY TOOL KIT

(51) International classification	:F16B 5/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SLRDC, HAL
Address of Applicant :SLRDC, AVIONICS DIVISION, HINDUSTAN AERONAUTICS LIMITED, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)SALAGRAMA SATHYANARAYANA

(57) Abstract :
Aircrafts/Helicopters consists of display and control systems in cockpit to facilitate the pilot to operate different LRUs for functional and mission requirements. These control/display systems are generally provided with Dzus fasteners for quick assembly/release from the cockpit cabin. This facilitates operating convienience, clamping force to withstand dynamic forces and resistance to different vibration and shock environments. Dzus fastener assembly consists of 1. Stud 2. Cup 3. Spring The Dzus fasteners are to be assembled to the dispaly/control system panels at the specified locations. Once these systems are integrated in Aircraft/helicopters, Dzus fasteners have to withstand severe environmental conditions experienced in fighter aircrafts/Helicopters. To achieve this requirement the assembly procedure of the Dzus fasteners plays a vital role. Most of the manufacturers provides a standard tool but it does not meet the aerospace requirements and also it is not handy. Hence a special tool kit is designed and fabricated at a low cost to assemble Dzus fasteners.

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

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

(21) Application No.5902/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM CONFIGURATION & METHODOLOGY FOR FILLING OF LIQUID DIELECTRIC COOLANT UNDER VACUUM

(51) International classification :B65B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, HAL POST, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)PURUSHOTHAM BHUPATHI

(57) Abstract :
A liquid dielectric is a dielectric material in liquid state. Its main purpose is to prevent or rapidly quench electric discharges. Dielectric liquids are used as electrical insulators in high voltage applications, e.g. transformers, capacitors, high voltage cables, switchgear (namely high voltage switchgear) and Avionics (Aviation Electronics), Vetronics [Military electronics) & Naval Electronics (namely in high voltage power amplifiers, transmitters). Its function is to provide electrical insulation, suppress corona and arcing, and to serve as a coolant. The present invention relates to Methodology used for aerospace application, and more particularly about the scheme and procedure including the system configuration evolved for filling of liquid dielectric coolants under vacuum for insulating the high voltage by eliminating the dissolved gases. This process comprises of pre-heating, eliminating the dissolved gases and filling the dielectric coolant with negligible air entrapped inside the equipment. After evacuation of dissolved gases from the coolant and fumes from the vacuum system, liquid the dielectric coolant will be filled automatically due to the differential pressure between the oil chamber and vacuum chamber i.e. 600mm of Hg(0.8 Kg/cm2) and 300mm of Hg 0.4 Kg/cm2 respectively. This methodology and process system will ensure the negligible air i.e. less than diameter 4mm air bobble entrapped inside the filled avionic or any high voltage system to provide electrical insulation, suppress corona and arcing, and to serve as a coolant.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2504/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ATTACHED MATTER DETECTOR AND VEHICLE EQUIPMENT CONTROL APPARATUS

(51) International classification :G01N21/17
(31) Priority Document No :2011241519
(32) Priority Date :02/11/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/078902
Filing Date :01/11/2012
(87) International Publication No :WO 2013/065868
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RICOH COMPANY LTD.
Address of Applicant :3 6 Nakamagome 1 chome Ohta ku Tokyo 1438555 Japan
(72)**Name of Inventor :**
1)SAWAKI Taroh
2)HIRAI Hideaki
3)KASAHARA Ryosuke
4)SEKIGUCHI Hiroyoshi

(57) Abstract :
An attached matter detector includes a light source configured to irradiate light toward a plate like transparent member from one surface thereof an imaging device configured to image reflection light by attached matter on a surface of the plate like transparent member a memory configured to previously store flare information obtained by the image device by turning on the light source in a state without having disturbance light and the attached matter on the surface of the plate like transparent member and a difference information obtaining device configured to obtain difference information between a light up image as an image obtained by the imaging device with the turned on light source and a light out image as an image obtained by the imaging device with the turned off light source wherein the attached matter on the surface of the plate like transparent member is detected based on the difference information and the flare information stored in the memory.

No. of Pages : 44 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2505/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CHECKOUT BASED DISTRIBUTION OF DIGITAL PROMOTIONS

(51) International classification :G06Q30/02
(31) Priority Document No :13/233557
(32) Priority Date :15/09/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055810
Filing Date :17/09/2012
(87) International Publication No :WO 2013/040591
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COUPONS. COM INCORPORATED
Address of Applicant :400 Logue Avenue Mountain View California 94043 U.S.A.
(72)**Name of Inventor :**
1)BOAL Steven R.

(57) Abstract :
Coupon information is provided electronically in association with receipts for transactions at physical stores and/or online stores. A retailer causes performance of a transaction in which one or more items are purchased. An interface configured to accept input indicating a customer identifier such as an email address associated with the transaction is provided. When input has been received via the interface it is determined whether the identifier is associated with a known customer identity. If the customer identifier is associated with a known identity digital coupons associated with that identity are applied against the transaction. An electronic receipt is further provided for the transaction via for instance the provided email address or a web based application in which a session is established in connection with the identity.

No. of Pages : 83 No. of Claims : 16

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

(21) Application No.2589/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METALLURGICAL COMPOSITION FOR THE MANUFACTURE OF FERROCHROME

(51) International classification :C22B1/24,C22B5/06,C21C5/52
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/070134
Filing Date :15/11/2011
(87) International Publication No :WO 2013/071956
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OUTOTEC OYJ
Address of Applicant :Puolikkotie 10 FI 02230 Espoo Finland
(72)**Name of Inventor :**
1)KROGERUS Helge
2)M„KEL„ Pasi

(57) Abstract :
The invention relates to a pelletising feed containing chromite ore at least one nickel salt and silicon carbide as the only carbonaceous material and the only reducing agent. The invention also relates to process for manufacturing the pelletising feed comprising the steps providing chromite at least one nickel salt and silicon carbide and mixing chromite at least one nickel salt and silicon carbide. The invention also relates to use of the pelletising feed as a starting material for the manufacture of sintering feed. The invention also relates to a sintering feed in the form of pellets containing the pelletising feed. The invention also relates to sintered pellets containing the sintering feed. The invention also relates to process for manufacturing the sintered pellets. The invention also relates to use of the sintered pellets as a component of smelting feed. The invention also relates to smelting feed comprising sintered pellets. The invention also relates to process for manufacturing ferrochrome alloy. The invention also relates to ferrochrome alloy obtainable by the method.

No. of Pages : 32 No. of Claims : 15

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

(21) Application No.5941/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : GANI POWER

(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

(71)**Name of Applicant :**
1)M. SINDHA
Address of Applicant :GOLDEN PRESS, 1216, CUMBUM ROAD, THENI - 625 531, THENI DIST Tamil Nadu India
(72)**Name of Inventor :**
1)M. SINDHA

(57) Abstract :
Thus with help of gravitational force and minimum input current a maximum output current is obtained.

No. of Pages : 9 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2014

(21) Application No.2633/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : LENS ASSEMBLY FOR REMOTE PHOSPHOR LED DEVICE

(51) International classification :F21V5/04,F21S2/00
(31) Priority Document No :61/547364
(32) Priority Date :14/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/042367
Filing Date :14/06/2012
(87) International Publication No :WO 2013/055412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M Center Post Office Box 33427 Saint Paul Minnesota 55133 3427 U.S.A.
(72)**Name of Inventor :**
1)OUDERKIRK Andrew J.
2)SURA Ravi K.
3)GABRIEL Nicholas T.
4)HUNG Huang Chin

(57) Abstract :
Lens assemblies for use in remote phosphor lighting systems and methods of making and using them are described. The lens assemblies typically include a lens member a dichroic reflector attached to an outer surface of the lens member and a phosphor layer attached to an inner surface of the lens member. The dichroic reflector reflects LED light originating from a given source point in a reference plane proximate the inner surface to a given image point in the reference plane. The phosphor layer may be patterned to cover one or more first portions of the inner surface and to expose one or more second portions and/or the phosphor layer may be removably bonded to the inner surface. The lens assemblies can be readily combined with one or more short wavelength (e.g. blue) LEDs and other components to provide a remote phosphor lighting system.

No. of Pages : 35 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5995/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS, SYSTEMS AND COMPUTER - READABLE MEDIA FOR GENERATING A NEGATIVE TEST INPUT DATA

(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)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)DR. ANJANEYULU PASALA
2)NIHAR SHARMA
3)SAURAV SINGH

(57) Abstract :
The present invention provides a method and system for generating negative test input data. A set of attributes and a set of attribute properties can be extracted from a requirement specification. A constraint representation syntax can be framed from the extracted set of attribute properties. A structured diagram is modeled from the framed constraint representation syntax and a set of use cases, a set of path predicates can be constructed from the structured diagram. One or more attribute classes can be determined from the set of path predicates based on an attribute constraint and an attribute dependency. The negative test input data shall be generated from the one or more attribute classes using genetic algorithm.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013
(21) Application No.5996/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR IMPLEMENTING ONLINE ANALYTICAL PROCESSING (OLAP) SOLUTION USING MAPREDUCE

(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

(71)**Name of Applicant :**
1)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)SHYAM KUMAR DODDAVULA
2)ARUN VISWANATHAN

(57) Abstract :
The technique relates to a system and method for implementing peta-byte scale online analytical processing solution using MapReduce. The technique involves receiving an OLAP query from a user through an OLAP-QL Driver. After receiving the query it is parsed through the compiler. Then the metadata information is retrieved from the parsed query through the metadata manager. Validating the parsed query using plan generator module for generating a MapReduce job execution plan based on the retrieved metadata information. The next step is to identify the scope for optimization in the generated MapReduce job execution plan and optimizing the MapReduce job execution plan using the identified scope. Then executing the optimized MapReduce job plan using the execution engine and finally storing the output data in the cube specific distributed file system directory.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013
(21) Application No.5997/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHODS AND SYSTEMS FOR CONVERTING AN XML ARTIFACT INTO TOPIC MAP INSTANCE

(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)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)SUMAN ROY
2)KIRAN PRAKASH SAWANT
3)OLIVIER CHARVIN

(57) Abstract :
The present invention provides a method and system for converting an XML artifact into a Topic Map instance. The method includes consolidating, by a schema consolidation module, an XML schema of the XML artifact; extracting, by an extracting module, a topic map model from the consolidated XML schema; and generating, by a converter, the topic map instance from the topic map model and the xml artifact.

No. of Pages : 17 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5998/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEMS AND METHODS FOR CREATING RULES FOR EQUITY CORPORATE ACTIONS

(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)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)ABHRA ROY
2)PRIYANKA DIWAN
3)PAVAN KUMAR VALLURI

(57) Abstract :
A system and method for creating rules for equity corporate actions and their variations is disclosed. The method includes receiving the data corresponding to corporate action event from at least one agent. Thereafter, method includes generating a rule for one or more one corporate action event from the received data by using one or more common parameters, wherein the common parameters define the one or more corporate action event. Further, the method includes executing the rule generated for the one or more corporate action event, wherein the rule generated is stored in the repository. Further, the method includes delivering the entitlement based on the rule for the one or more corporate action event. Thereby, the method enables financial institutions to handle any corporate action event and their variations.

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

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

(21) Application No.5913/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SEA CLUTTER SIMULATION IN DIGITAL DOMAIN USING THE DRFM BASED DYNAMIC RADAR TARGET SIMULATOR

(51) International classification :G01S
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)MANCHALA ASHOK
2)VALLABHANENI DEVA KUMAR

(57) Abstract :
DRFM is an electronic method for digitally capturing, modifying and retransmitting RF signal. In the present invention DRFM based Dynamic Radar Target simulator is used to simulate the target scenario in presence of sea clutter for high grazing angles. Mapping of the sea clutter using the finite elements method and simulating them in Digital domain using Block RAMs (BRAM) for delay generation and Numerically Controlled Oscillators (NCO) for Doppler generation has been described. Usage of DRFM based target simulator as ATE is mentioned.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2013
(21) Application No.5914/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AUDIO PROCESSOR HYBIRD FOR AIRBORNE UHF COMMUNICATION SYSTEM

(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

(71)**Name of Applicant :**
1)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)CHORAGUDI ASHOK KUMAR
2)AMRUTHAM JITHENDRA KUMAR

(57) Abstract :
Modern airborne systems shall be of less in weight and size. To reduce the size and weight, Hybrid Micro Electronic Technology is used in UHF Communication System. Audio Processor Hybrid shall process the detected audio comes out from Receiver Module. Processing includes achieving the functionality of Voice Operated Gain Adjustable Device (VOGAD) which provides reasonably constant output irrespective of change in the detected input. Audio Processor Hybrid also has the circuit to achieve the functionality of High Pass Filter and Low Pass Filter to filter out unwanted signals in the detected audio from Receiver Module.

No. of Pages : 8 No. of Claims : 2

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

(21) Application No.5915/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SNR BASED VOICE OPERATED SWITCH (VOS) FOR AIRBORNE INTERCOMMUNICATION SYSTEM

(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

(71)**Name of Applicant :**
1)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)CHORAGUDI ASHOK KUMAR
2)ARIGELA SRINIVASULU

(57) Abstract :
The cockpit microphone picks up the voice as well as noise in the cockpit which will be continuously heard through headset. Normally intercom FIT is used to activate the microphone switch whenever Pilot wants to communicate with Co-pilot or cabin crew. Pilot has to operate intercom PTT manually. This ensures cut off of noise when pilot is not speaking on microphone. A Signal to Noise Ratio (SNR) based Voice Operated Switch (VOS) activates the microphone switch automatically when signal level (pilots voice) is more than the noise level in the cockpit. Whenever Pilot wants to communicate with co¬pilot or cabin crew, SNR based VOS ensures hands free operation of intercommunication instead of pressing intercom PTT manually every time. A SNR based VOS is available in both Normal & Standby modes of airborne Intercommunication system. A VOS control knob is available on the control panel of Intercom Systems Station Box. When VOS knob is turned to extreme left position (70 clock position), VOS is disabled and HOT mike is provided, as it is turned right (from SO clock to 2 O clock positions), VOS is enabled with varying threshold levels from O.lmV to 3 mV and at extreme right 3,4 & 5 O clock positions are COLD positions in which mike totally muted for any level of input.

No. of Pages : 8 No. of Claims : 2

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

(21) Application No.6048/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THREE WHEELED FUEL CELL VEHICLE ASSEMBLY LAYOUT

(51) International classification :A63H
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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 TVS MOTOR COMPANY LIMITED
Address of Applicant :NO. 29, HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu India
(72)**Name of Inventor :**
1)PRAMILA RAO NILESHWAR
2)SENTHILNATHAN SUBBIAH
3)PRABHANJAN KUMAR
4)DEVAKI KRISHNAN
5)BALDLAMUDI VAMSIKRISHNA
6)SIVARAMAN GOPALAKRISHNAN
7)SAMRAJ JABEZ DHINAGAR

(57) Abstract :
The present invention illustrates a vehicle assembly layout of three wheeled fuel cell comprising a combination of the hydrogen cylinder in the front and the batteries below passenger seat which brings stability of the vehicle by lowering the CG. The hydrogen pressure line is connected to the two pressure regulators, through the chassis floor and chassis cross member along the rear long member. The components of the rear body are interconnected and joined to a battery. A motor is mounted to the chassis and the fuel cell stack is mounted above the motor. A motor controller is mounted above the fuel cell stack. A buck-boost converter is connected to the battery and the fuel controller is connected to the battery, buck-boost converter and motor controller. The LH and RH wheel reaction is almost indistinguishable due to the packaging of the components in the rear body.

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

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

(21) Application No.5917/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SHAKTHI CHAKRA

(51) International classification :F03B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)Himanth C M M
Address of Applicant :#1662/163, Ward No:6, Behind Reliance Petro Bunk HP Halli Road, Kotturu Karnataka India
(72)**Name of Inventor :**
1)Himanth C M M

(57) Abstract :
The invention of this Device is to make a wheel to rotate continuously and use this rotation to generate electrical energy, which is used for daily purposes. This Design is on Alternate energy Sources. The device is useful to generate electricity without the help of any fuel. There is no environmental pollution, there is no noise because of the operation of the device, and there is no requirement of any investment after installing the device. Only thing is maintenance which is very easy for any common man. Like lubricating and changing the runner assembly (Picture: 6) after running for few years.

No. of Pages : 26 No. of Claims : 5

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

(21) Application No.6050/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A CONVERTER FOR MOTOR - GENERATOR

(51) International classification	:H02M 7/00	(71)**Name of Applicant :** **1)M/S TVS MOTOR COMPANY LIMITED** Address of Applicant :NO. 29, HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72)**Name of Inventor :**
(86) International Application No	:NA	**1)SURAJIT DAS**
Filing Date	:NA	**2)SALIL JOSHY**
(87) International Publication No	: NA	**3)SAMRAJ JABEZ DHINAGAR**
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The invention illustrates a compact power converter used for both motoring and power conditioning during generation of electric motor, formed by using a combination of metal-oxide semiconductor field-effect transistors (MOSFET), silicon controlled rectifiers (SCR) and a mechanical relay 20. MOSFETs are used for motoring and a combination of SCRs and MOSFET body-diodes work during generation. During generation the average charging current is controlled by varying the firing-angle of the SCRs based on a look-up table.

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

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

(21) Application No.6051/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AUTOMATED DOMESTIC GAS STOVE WITH MANUAL AND SERVO VALVE CONTROLLED, INDEPENDENTLY FLOODED CONCENTRIC GAS BURNER

(51) International classification :F24C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)MR. PRATHVIRAJ H.
Address of Applicant :DEPARTMENT OF MECHANICAL ENGINEERING, ST. JOSEPH ENGINEERING COLLEGE, VAMANJOOR, MANGALORE - 575 028 Karnataka India
(72)**Name of Inventor :**
1)MR. PRATHVIRAJ H.
2)MR. SHREEKANTH N R
3)MR. BHARATHESHA A B
4)MR. SHARATH KUMAR K
5)MR. ABHIJITH H

(57) Abstract :
In conventional gas stoves there will be two or more burners for different sized vessels. In this work, a single, independently flooded concentric gas burner is designed, producing different circumferential flames to accommodate different sized vessel. This project is mainly concerned with the design and fabrication of a single innovative gas burner which can produce variable circumferential flames depending on the base diameter of the cooking vessel. Here three different sized gas burners are arranged concentrically such that the gas through the individual burner can be controlled independently. The gas burner receives the controlled gas flow rate by 4- ports 4-position rotary servo valve. Ultrasonic sensor is placed in the gas stove in appropriate location to sense the diameter of the vessel. The signal generated by ultrasonic sensors is sent to the microcontroller which will generate signal to the servomotor which controls the control valve automatically, there by flooding the gas to the required burner chamber.

No. of Pages : 13 No. of Claims : 10

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

(21) Application No.6052/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR HOSTING MOBILE DEVICES FOR TESTING IN A CLOUD COMPUTING ENVIRONMENT

(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

(71)**Name of Applicant :**
1)COGNIZANT TECHNOLOGY SOLUTIONS INDIA PVT. LTD.
Address of Applicant :TECHNO COMPLEX, NO. 5/535, OLD MAHABALIPURAM ROAD, OKKIYAM THORAIPAKKAM, CHENNAI - 600 097 Tamil Nadu India
(72)**Name of Inventor :**
1)RAMAKRISHNAN VENKATASUBRAMANIAN
2)SOMASUNDARAM JAMBUNATHAN

(57) Abstract :
A system and method for hosting one or more mobile devices on one or more servers in a cloud computing environment for testing mobile applications is provided. The system comprises client virtualization managers to collect and send information related to the mobile devices to the servers and mobile devices virtualization managers to receive and use the information to establish a connection with the client virtualization managers for accessing and hosting the mobile devices. Further, the system comprises a server application to facilitate testers to select a mobile device from a list of the hosted mobile devices and an automation tool interface handler to virtualize Universal Serial Bus (USB) port of local machines connected to the servers, connect the selected mobile device to the virtualized USB port of the local machines and facilitate testing of the mobile applications on the locally available mobile device by test automation tools.

No. of Pages : 59 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

(21) Application No.2628/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTRA PCM (IPCM) AND LOSSLESS CODING MODE VIDEO DEBLOCKING

(51) International classification :H04N7/26,H04N7/50
(31) Priority Document No :61/549597
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/061072
Filing Date :19/10/2012
(87) International Publication No :WO 2013/059628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)VAN DER AUWERA Geert
2)KARCZEWICZ Marta
3)WANG Xianglin

(57) Abstract :
Techniques for coding video data include coding a plurality of blocks of video data wherein at least one block of the plurality of blocks of video data is coded using a coding mode that is one of an intra pulse code modulation (IPCM) coding mode and a lossless coding mode. In some examples the lossless coding mode may use prediction. The techniques further include assigning a non zero quantization parameter (QP) value for the at least one block coded using the coding mode. The techniques also include performing deblocking filtering on one or more of the plurality of blocks of video data based on the coding mode used to code the at least one block and the assigned non zero QP value for the at least one block.

No. of Pages : 100 No. of Claims : 81

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

(21) Application No.5907/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : THE HYBIRD LINER PROCESSOR MODULE (M4) OF RADIOALTIMETER

(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)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)VISWANATHAN THYAGARAJAN
2)VADLAKONDA SADANANDAM
3)LANDA SRINIVAS

(57) Abstract :
The Hybrid linear processor module(M4) is used in Radio altimeter to generate linear analog voltage as per predefined equation. The module was realised in the form of Hybrid IC by redesigning the module using miniature SMD components by which the advantage of size reduction and reliability improvement is achieved on the airborne equipment.

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

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

(21) Application No.6049/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MAGNETIC GEAR STRUCTURE FOR GEAR MECHANISM

(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)M/S TVS MOTOR COMPANY LIMITED
Address of Applicant :NO. 29, HADDOWS ROAD, CHENNAI - 600 006 Tamil Nadu India
(72)**Name of Inventor :**
1)IMMADISETTY VLP SANTHI
2)SHAMSUDDEEN NALAKATH
3)SAMRAJ JABEZ DHINAGAR

(57) Abstract :
The current invention describes a novel magnetic structure for a non-coaxial gear mechanism. The gear mechanism has several magnetic poles on the surface of one or more movable rotors. The magnetic poles can be formed on the surface either by attaching the permanent magnets over the surface or by having a winding in the rotor and by exciting with an external source. The magnetic poles on the surface of the rotors are alternatively arranged 3 and 4. The movable rotors are magnetically linked with uniformly separated iron pieces called as flux linkers 5. The number of flux linkers 5 is decided by the number of alternating magnetic poles on the surface of the movable rotors. There is further no physical contact between the rotors and the flux linkers 5. The gear mechanism described has a single input 1 and multiple outputs 2, 6 and 7.

No. of Pages : 14 No. of Claims : 9

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

(21) Application No.6055/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : WOODEN TUBE LIGHT HOLDER STRIP WITH LIGHT EMITTING DIODES

(51) International classification :G09G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :4125/CHE/2012
Filed on :03/10/2012
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)MUHAMMED HASEEB V.K.K.
Address of Applicant :V.K.K. HOUSE, NEAR SIRAHI MASJID, VALAPATTANAM (P.O), KANNURE(DT), PIN - 670 010 Kerala India
(72)**Name of Inventor :**
1)MUHAMMED HASEEB V.K.K.

(57) Abstract :
The invention relates to a woolen tube light holder strip, generally the tube light holder strips are manufactured by metals.These tube light holder strips made by metals causes short circuits and thus dangeroud. This invention of wooden tube light holder strip with light emitting diodes ie- can prevent and fullfil many us advantages. This invention can also generates further inventions ani modifications.

No. of Pages : 6 No. of Claims : 3

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

(21) Application No.6007/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HYBRID CPCI FLEX-RIGID COMPLEX BACKPLANE AND FRONT BLOCK PCB

(51) International classification :A61N
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)HINDUSTAN AERONAUTICS LIMITED
Address of Applicant :GENERAL MANAGER, MCSRDC DIVISION, HINDUSTAN AERONAUTICS LIMITED, VIMANAPURA POST, BANGALORE - 560 017 Karnataka India
(72)**Name of Inventor :**
1)UPADHYAY NITESH
2)KUMAR NISHANT

(57) Abstract :
This is a Hybrid cPCI Flexi-Rigid Complex Backplane and Front Block PCB of avionics Computer application that comprises two segments. First segment is Backplane segment and second segment is the Front Block PCB segment for Circular Connectors. Both of these segments are connected flexi PCB. First segment of 20 layers connects all 6U Electronic Modules to each other. Second segment of 20 layers is used to interface the unit to the external avionics units. First segment contributes the hybrid feature of the backplane. As in this segment cPCI Standard Bus and local processor bus both are running with different electrical characteristics. The backplane caters impedance requirements for four different types of signal, along with 8 DVI video channels and 8 composite video channels which adds further complexity to the backplane. Second segment communicates to external avionics units via RS-422, Ethernet, RS-232, Discrete, ARINC- 429, MIL-1553B and Videos Signals through high density circular connectors mounted on this segment.

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

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

(21) Application No.6009/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED SYSTEM AND METHOD FOR IMPLEMENTING A TACTICAL SITUATION DISPLAY BY COMBINING RADAR DATA OVER A DIGITAL MAP ON A HEAD DOWN DISPLAY SYSTEM FOR AN AIRBORNE APPLICATION

(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)HINDUSTAN AERONAUTICS LIMITED
Address of Applicant :GENERAL MANAGER, MCSRDC DIVISION, HINDUSTAN AERONAUTICS LIMITED, VIMANAPURA POST, BANGALORE - 560 017 Karnataka India
(72)**Name of Inventor :**
1)SOORYANARAYANA MEHANDALE
2)GAJARE SUVARNALATA MARUTI

(57) Abstract :
Presently, the overlay of target symbols on 2D Map generated by the existing Map generator module (MGM) on the Head down Display system is having limitation in displaying additional symbols. In this scenario, information from the multiple sensors is not alwaysavailableto pilot. To view multiple sensors information, pilot needs to switch the video sources on the Head down Display. This leads to increased pilot work load. This invention uses a novel method to combine incoming sensors information with 2DMap and hence providesan enhanced situational awareness on the Head down display system. The combined displayof video and data which includes aircraft reference symbol, display of other aircrafts / targets will provide the pilot overall situation awareness during flight to increase the mission success rate.

No. of Pages : 11 No. of Claims : 2

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

(21) Application No.5926/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVED TROLLEY TYPE DOFFING MACHINE FOR RING SPINNING OR DOUBLING MACHINE WITH BARE BOBBIN PRESSING MECHANISM

(51) International classification :A41B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)LAKSHMI PRECISION TOOLS LIMITED
Address of Applicant :ARASUR, COIMBATORE DISTRICT 641 407 Tamil Nadu India
(72)**Name of Inventor :**
1)CHRISTDHAR, BERLIN, JINU
2)KASTURI, DEVENDRAN

(57) Abstract :
Bare bobbin (4) or ring tube pressing mechanism suitable for the trolley type doffing machine (1) used in ring spinning machine (2) or doubling frame consists of a donning disc (15) which presses the previously laid bare bobbins (4) during the doffing trolley is in motion. In addition to that this mechanism has a self protecting system to safeguard it from collision with bare bobbins and fully wound bobbins. This simple mechanism significantly reduces the total doffing time and human efforts required during doffing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :18/12/2013
(21) Application No.5927/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED DOFFING MACHINE FOR RING SPINNING MACHINE OR DOUBLING MACHINE

(51) International classification :A41B
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)LAKSHMI PRECISION TOOLS LIMITED
Address of Applicant :ARASUR, COIMBATORE DISTRICT 641 407 Tamil Nadu India
(72)**Name of Inventor :**
1)CHRISTDHAS, BERLIN, JINU
2)KASTURI, DEVENDRAN

(57) Abstract :
Profiled lower doffing disc (15) suitable for the trolley type doffing machine (1) is provided in ring spinning machine (2) or doubling frame contains a special point contact type profile (23) to grip and hold the ring cop or bobbin (3) with comparatively less surface contact in order to minimize the chances of the yarn is being trapped in between bobbin and the lower doffing disc (15). This special profiled lower doffing disc (15) will reduce the yarn breakage rate during replenishing the completely wound bobbin (3) with empty bobbin (4) called doffing.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2013

(21) Application No.6060/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESSING OF THE BIMODAL ULTRAFINE GRAINED MICROALLOYED DUAL PHASE STEEL SHEETS

(51) International classification :B22C
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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 MADRAS
Address of Applicant :IIT P.O, CHENNAI - 600 036 Tamil Nadu India
(72)**Name of Inventor :**
1)PAPA RAO MONDI
2)DR. S. SANKARAN
3)DR. V. SUBRAMANYA SARMA

(57) Abstract :
The present invention relates to processing of the bimodal ultrafine grained microalloyed dual phase steel sheets with high ultimate tensile strength (1200 - 1900 MPa), high uniform elongation (16-25 %) and high toughness (200 - 230 MJ/m3), for automotive applications by method such as warm rolling and intercritical annealing. The method of the invention has the advantages of simple working procedure and industrially scalable prospect.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2502/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF FERROCHROME

(51) International classification :C22B1/24,C22B5/06,C21C5/52
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2011/070133
Filing Date :15/11/2011
(87) International Publication No :WO 2013/071955
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OUTOTEC OYJ
Address of Applicant :Puolikkotie 10 FI 02230 Espoo Finland
(72)**Name of Inventor :**
1)KROGERUS Helge
2)M„KEL„ Pasi

(57) Abstract :
Process for the manufacture of ferrochrome alloy comprising the steps of providing a pelletising feed wherein the pelletising feed comprises chromite ore and silicon carbide as the only carbonaceous material and the only reducing agent; pelletising the pelletising feed to obtain pellets; sintering the pellets to obtain sintered pellets; mixing the sintered pellets with external reducing agent to obtain smelting feed; and smelting the smelting feed.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2503/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IN VEHICLE INTERIOR LIGHT UNIT

(51) International classification :B60Q3/02
(31) Priority Document No :2012188257
(32) Priority Date :29/08/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2013/066464
Filing Date :14/06/2013
(87) International Publication No :WO 2014/034227
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)KABUSHIKI KAISHA T AN T
Address of Applicant :972 1 Aza Sakashita Oaza Kosenba Kawagoe shi Saitama 3500031 Japan
(72)**Name of Inventor :**
1)SOGA Hisashi
2)SHIMODA Yuji
3)OCHIAI Hiroshi

(57) Abstract :
Provided is an in vehicle interior light unit the purpose of which is to design for protection of the base from thermal damage and for cost reduction by using a general purpose compact bulb cassette without a heat shielding function for the bulb cassette and resolving the thermal deformation due to radiant heat from the bulb using a heat shield plate integrally formed during punch molding of the busbar which is formed from a conductive metal member and obstructing radiant heat from the bulb with said heat shield plate. The in vehicle interior light device according to the present invention is characterized in being provided with: a case shaped base formed from a non heat resistant thermoplastic resin; a busbar which is loaded on the base and on which a heat shield plate standing at a position near the general purpose bulb is integrally molded; a bulb holder that connects electrically with the busbar; a general purpose vertical bulb cassette that is provided with said bulb holder and functions as a socket; a general purpose bulb that is mounted vertically in the bulb cassette and connects electrically to the bulb holder; and a lens that is mounted on the front surface of the base.

No. of Pages : 24 No. of Claims : 3

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

(21) Application No.2591/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : ETANERCEPT FORMULATIONS STABILIZED WITH COMBINATIONS OF SUGARS AND POLYOLS

(51) International classification :A61K39/395
(31) Priority Document No :61/548518
(32) Priority Date :18/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/060748
Filing Date :18/10/2012
(87) International Publication No :WO 2013/059412
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)COHERUS BIOSCIENCES INC.
Address of Applicant :201 Redwood Shores Parkway Suite 200 Redwood City CA 94065 U.S.A.
(72)**Name of Inventor :**
1)MANNING Mark
2)MURPHY Brian

(57) Abstract :
The present invention is a stable aqueous pharmaceutical composition comprising etanercept in combination with stabilizers to reduce instability aggregation misfolding and/or fragmentation of the etanercept during storage of the formulation; said stabilizer comprising a combination of a sugar and a polyol. Various technical terms used in the following discussion are defined below in the section entitled Definitions and throughout the remainder of the specification. The stabilized etanercept formulations of the present invention which ar optionally and preferably free of arginine elicit long term storage stability.

No. of Pages : 33 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2013
(21) Application No.6072/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR OPTIMIZING REDO PROCESSING

(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

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES INDIA PVT. LTD.
Address of Applicant :NO. 23, LEVEL 3&4 LEELA GALLERIA, AIRPORT ROAD, BANGALORE 560 017 Karnataka India
(72)**Name of Inventor :**
1)VAMSI, KRISHNA
2)NIRMALA, S.
3)AMIT, KAPILA

(57) Abstract :
The embodiments of the present invention provide a method and apparatus for optimizing redo processing, where, the method comprises, extracting (S301) redo data from a redo buffer on a subscriber device; and performing (S3 02) redo processing on the redo data in parallel by invoking a plurality of threads. According to the method and apparatus, the efficiency of redo processing can be 15 enhanced, and/or the time taken to ensure availability and persistency of redo data on the subscriber device can be reduced.

No. of Pages : 32 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :07/04/2014

(21) Application No.2627/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DETECTING AVAILABILITIES OF NEIGHBORING VIDEO UNITS FOR VIDEO CODING

(51) International classification :H04N7/26
(31) Priority Document No :61/548630
(32) Priority Date :18/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/055462
Filing Date :14/09/2012
(87) International Publication No :WO 2013/058910
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :5775 Morehouse Drive ATTN: International IP Administration San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)ZHOU Bo
2)RAMASWAMY Gurunath
3)VEERA Karthic
4)CHEN Peisong
5)COBAN Muhammed Zeyd
6)DU Junchen
7)JALIL Suhail

(57) Abstract :
As part of a video encoding or decoding operation on video data a video coder performs a coding operation for a current video unit of the video data. As part of performing the coding operation for the current video unit the video coder determines the availabilities of one or more video units that neighbor the current video unit. In order to determine the availability of a video unit that neighbors the current video unit the video coder identifies based on availabilities of video units that neighbor a parent video unit of the current video unit an entry in a lookup table. The identified entry indicates the availability of the video unit that neighbors the current video unit. The video coder then performs a coding operation on the current video unit based on whether the video unit that neighbors the current video unit is available.

No. of Pages : 83 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5960/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD AND SYSTEM TO PROVIDE SECURITY MECHANISM FOR PACKAGED WEB APPLICATIONS

(51) International classification	:G06F 21/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Samsung R & D Institute India- Bangalore Private Limited
Address of Applicant :# 2870, Orion Building, Bagmane Constellation Business Park, Outer Ring Road, Doddanakundi Circle, Marathahalli Post, Bangalore Karnataka India
(72)**Name of Inventor :**
1)Balaji Nerella Venkataramana
2)Kaushik das
3)Satish Nanjunda Swamy Jamadagni
4)Prabhavathi Perumal

(57) Abstract :
Embodiments herein provide a method and system for authenticating a client application attempting to access a protected resource on a resource server. The method includes receiving a request to access the protected resource at an authorization server. The request is received from the client application authorized by a resource owner of the protected resource. Further, the method includes redirecting the request to the resource server using a redirect identifier corresponding to a redirect endpoint of the client application. The redirect identifier is intercepted by a web run time engine prior to the redirect. Furthermore, the method includes determining a match between the intercepted redirect identifier and a pre-assigned redirect identifier with the client application stored at the web run time engine to authenticate the client application prior to providing access to the protected resource.

No. of Pages : 52 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5962/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR SECURING AN INDUSTRIAL CONTROL SYSTEM

(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)INFOTECH ENTERPRISES LIMITED
Address of Applicant :PLOT NO. 11, INFOCITY, SOFTWARE UNITS LAYOUT, MADHAPUR, HYDERABAD 500 081 Andhra Pradesh India
(72)**Name of Inventor :**
1)VELLIANGIRI SIVASAMY
2)THRILOK POONAMALLE

(57) Abstract :
The present invention relates to systems and methods for securing control of industrial processes. The present invention provides a secure distributed control system used for controlling industrial processes. The system comprises a plurality of field devices, a controller module which includes a Field Programmable Gate Array (FPGA) module including control logic for one critical process and a master processor including control logic of all other industrial processes and an Input Output module for exchanging signals between the field devices and the controller module. The present invention also provides a method of securing a distributed control system used for controlling industrial processes, against modification of a control logic using the system of the present invention.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2485/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : STRUCTURE OF ENHANCED PHYSICAL DOWNLINK CONTROL CHANNEL (E PDCCH) IN LONG TERM EVOLUTION (LTE)

(51) International classification :H04L5/00
(31) Priority Document No :61/556096
(32) Priority Date :04/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062957
Filing Date :01/11/2012
(87) International Publication No :WO 2013/067112
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)CHEN Wanshi
2)GAAL Peter
3)WEI Yongbin
4)MONTOJO Juan
5)LUO Tao
6)XU Hao
7)GEIRHOFER Stefan
8)DAMNJANOVIC Jelena
9)DAMNJANOVIC Aleksandar

(57) Abstract :
Aspects of the present disclosure relate generally to wireless communication systems and more particularly to defining a structure of and enhanced physical downlink control channel (e PDCCH). Certain aspects provide methods and apparatus for determining a search space in which a base station (eNodeB) may transmit an enhanced physical downlink control channel (e PDCCH) wherein the search space comprises one or more fractional portions of frequency time resources of a physical resource block (PRB) pair and attempting to decode the e PDCCH based on the determined search space.

No. of Pages : 51 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5979/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PNEUMATIC CONTROL VALVE

(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 :**
1)WABCO INDIA LIMITED
Address of Applicant :PLOT NO. 3 (SP), III MAIN ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI 600 058 Tamil Nadu India
(72)**Name of Inventor :**
1)GANESAMOORTHY ARUMUGHAM
2)VINOTH KUMAR RANGARAJ
3)NARAYANAN SREENIVASAN
4)SELVAMANI SUNDARAMAHALINGAM

(57) Abstract :
Pneumatic control valve (1), in particular dual-circuit brake transducer in a compressed-air brake system of a vehicle for correcting a brake pressure which corresponds to a desired braking action, having at least one first valve system (10, 14) which is arranged in a housing upper part (2) and has a first valve piston (10) which interacts with a first annular plate valve (14) and can be actuated manually or by means of an actuator via a spring element (9) by means of a plunger piston (4), having a second valve system (30, 37) which is arranged in a housing lower part (3) with a coaxially arranged second valve piston (30) which can be actuated pneumatically and/or mechanically by the first valve system (10, 14) and with a second annular plate valve (37) which interacts therewith, the plunger piston (4) having, radially on the inside, an axial cylindrical projection (4a, 4b), by means of which the plunger piston (4) is guided in cylindrical guides (2a, 42b) in the region of the housing upper part (2) and in the region of the housing lower part (3). In order to configure the control valve to be small axially and to relieve the first valve piston (10) of transverse forces and tilting moments, the said first valve piston (10) is guided via the plunger piston (4) in the cylindrical guide (2a) in the housing upper part (2).

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5980/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM, NETWORK APPARATUS AND METHOD OF AUTHENTICATION

(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

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES INDIA PVT. LTD.
Address of Applicant :NO. 23, LEVEL 3&4 LEELA GALLERIA, AIRPORT ROAD, BANGALORE 560 017 Karnataka India
(72)**Name of Inventor :**
1)KONDREDDY, VENUGOPAL REDDY

(57) Abstract :
The embodiments of the present invention provide a system, network apparatus and method of authentication. The system includes: at least one authentication client (301); an authenticator (302) which has no IP forwarding capability or Layer 3 service deployment; an authentication server (303), configured to provide authentication services as a RADIUS server; and a proxy server (304) in which a RADIUS client is deployed, configured to bind with the authenticator; wherein the authentication service is performed between the RADIUS server and the RADIUS client, the proxy server forwards packets between the authenticator and the authentication server. In this invention, RADIUS will be used between an authentication server and an authenticator, even though the authenticator has no capability of IP forwarding or L3 service deployment.

No. of Pages : 35 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2490/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : BLINDLY DECODING INTERFERING CELL PDCCH TO ACQUIRE INTERFERING CELL PDSCH TRANSMISSION INFORMATION

(51) International classification :H04B17/00,H04J11/00,H04W72/08
(31) Priority Document No :61/554874
(32) Priority Date :02/11/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/062682
Filing Date :31/10/2012
(87) International Publication No :WO 2013/066935
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM INCORPORATED
Address of Applicant :ATTN: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)LUO Tao
2)WEI Yongbin
3)GAAL Peter
4)MALLADI Durga Prasad
5)CHEN Wanshi

(57) Abstract :
Certain aspects of the present disclosure relate to a technique for blindly decoding interfering cell Physical Downlink Control Channel (PDCCH) to acquire interfering cell Physical Downlink Shared Channel (PDSCH) transmission information. A UE may determine for one or more aggregation levels sets of CCEs that potentially include the PDCCH based on available CCEs for each aggregation level and identify a set of decoding candidates based on the determination. Once the decoding candidates are decoded the UE may perform an error correcting procedure on decoded candidates and prune out unlikely candidates. Likely decoded candidates may be further pruned based on comparison of CRC calculated using information bits only and possible Radio Network Temporary Identifiers (RNTIs). The UE may then interpret content of the PDCCH of the interfering cell based on surviving candidates. The UE may then use the interpreted PDCCH information to determine PDSCH information.

No. of Pages : 38 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2013
(21) Application No.6067/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND USER INTERFACE FOR CONTROLLING MOVEMENTS AND POSITION OF AN IMAGING SUBSYSTEM IN A MEDICAL IMAGINE DEVICE

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

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)BANERJEE, ARNAB

(57) Abstract :
A system for controlling movements and position of an imaging subsystem in a medical imaging device is disclosed. The system includes a processor for providing a plurality of user interface (UI) elements arranged based on a patient position with respect to the imaging subsystem, wherein a UI element corresponds to a preset angular movement of the imaging subsystem; controlling angular position of the imaging subsystem in response to receiving a user input selecting a UI element of the plurality of UI elements; and a memory communicably coupled to the processor, wherein the memory stores the plurality of UI elements.

No. of Pages : 20 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :24/12/2013

(21) Application No.6068/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : INTERACTIVE COLLABORATION SYSTEM AND METHOD FOR ASSISTING SERVICE AND MAINTENANCE ACTIVITIES

(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)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)VISWANATHAN, ARAVIND
2)BHOWMIK, SOUMYASANTA
3)SHARMA, SANJAY
4)JAIN, NEHA

(57) Abstract :
An interactive collaboration system for assisting maintenance and service activities is disclosed. The interactive collaboration system includes a query manager for receiving a query associated with a maintenance and service activity from a user; a collaboration search manager for retrieving one or more of knowledge data associated with the maintenance and service activity based on the query, wherein the knowledge data is retrieved from a database of at least one unstructured data and at least one structured data associated with maintenance and service activities; and at least one knowledge expert having expertise on the maintenance and service activity in the query; and a communication session manager for facilitating conversation between the user and the at least one knowledge expert.

No. of Pages : 41 No. of Claims : 20

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

(21) Application No.5942/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR MONITORING AN ENGINE

(51) International classification :G07G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)MUKHERJEE, RUPAM
2)ALI, SHAHID
3)SIVASUBRAMANIAM, MANTHRAM
4)KUMAR, AJITH KUTTANNAIR

(57) Abstract :
A method for monitoring an engine disposed in a machine is presented. The method includes acquiring a parameter corresponding to one or more components of the machine. Further, the method includes determining a signature corresponding to the acquired parameter. Moreover, the method includes analyzing the determined signature corresponding to the acquired parameter to identify an operational fault in the machine. In addition, the method includes regulating in real time at least one operational quantity corresponding to the machine based on the identified operational fault. System for monitoring the engine disposed in the machine is also presented.

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

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

(21) Application No.2579/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COOLING AND HOLDING DEVICE FOR HEATING ELEMENTS HEATER AND METHOD FOR PRODUCING A COOLING AND HOLDING DEVICE

(51) International classification :H05B3/50
(31) Priority Document No :10 2011 054 752.5
(32) Priority Date :24/10/2011
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2012/070871
Filing Date :22/10/2012
(87) International Publication No :WO 2013/060647
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)STEGO HOLDING GMBH
Address of Applicant :Kolpingstrae 21 74523 Schwbisch Hall Germany
(72)**Name of Inventor :**
1)DENT Robert
2)MANGOLD Elmar

(57) Abstract :
The invention relates to a cooling and holding device for heating elements (10) more particularly PTC heating elements comprising a flat housing (11) having at least one heating shaft (12) in which there is at least one heating element (10) wherein the heating shaft (12) has opposing shaft walls (13a 13b) between which the heating element (10) is clamped and at least one side slit (14) that separates the shaft walls (13a 13b) such that the distance between the shaft walls (13a 13b) can be varied for installation of the heating element (10) wherein at least one clamping section (15) outwardly protruding from the flat housing (11) grips the flat housing spanning the side slit (14) and is elastically deformed in the mounted state of the heating element (10) so as to provide a pressing force of the shaft walls (13a 13b) on the heating element (10) in the assembled state.

No. of Pages : 33 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2014

(21) Application No.2660/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A SYSTEM AND METHOD FOR CHARACTERIZING AN UPPER AIRWAY USING SPEECH CHARACTERISTICS

(51) International classification	:A61B5/08,A61B5/107,A61M15/00
(31) Priority Document No	:61/549315
(32) Priority Date	:20/10/2011
(33) Name of priority country	:U.S.A.
(86) International Application No Filing Date	:PCT/IB2012/055501 :11/10/2012
(87) International Publication No	:WO 2013/057637
(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)KONINKLIJKE PHILIPS N.V.
Address of Applicant :High Tech Campus 5 NL 5656 AE Eindhoven Netherlands
(72)**Name of Inventor :**
1)DE WAELE Stijn
2)WINTER Stefan
3)GEERLINGS Alexander Cornelis

(57) Abstract :
The present invention relates to systems and methods for characterizing at least one anatomical parameter of an upper airway of a patient by analysing spectral properties of an utterance comprising: a mechanical coupler comprising means for restricting the jaw position of the patient; means for recording an utterance; and processing means for determining at least one anatomical parameter of the upper airway from the recorded utterance and comparing the recorded utterance to a threshold value. In addition the present invention relates to the use of the above mentioned systems as a diagnostics tool for assessing obstructive sleep apnea.

No. of Pages : 22 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013
(21) Application No.6002/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND SYSTEM FOR TARGETTING ADVERTISEMENTS ON DISPLAY DEVICES BASED ON USER'SNFC BASED TRANSACTION AND WEB BROWSING ACTIVITES

(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

(71)**Name of Applicant :**
1)SAMSUNG INDIA ELECTRONICS PRIVATE LIMITED
Address of Applicant :A-25, GROUND FLOOR, FRONT TOWER, MOHAN COOPERATIVE INDUSTRIAL ESTATE 110 044 Delhi India
(72)**Name of Inventor :**
1)ABHISHEK VIJAY
2)CHIRAG PATEL
3)JAMAL HAIDAR

(57) Abstract :
A method and system for targeting advertisements based on users NFC based transactionactivities and web browsing activities is provided. The method includes tracking at least one transaction performed by a user on the display device. The method includes analyzing one or more web pages corresponding to the transactions. Further, the method includes collecting data with reference to the transaction. Furthermore, the method includes targeting advertisements on the display device based on the data collected.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5982/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARATION OF ETRAVIRINE AND ITS INTERMEDIATES

(51) International classification	:C07D 239/00
(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)AUROBINDO PHARMA LTD
Address of Applicant :THE WATER MARK BUILDING, PLOT NO. 11, SURVEY NO. 9, KONDAPUR, HITECH CITY, HYDERABAD - 500 084 Andhra Pradesh India
(72)**Name of Inventor :**
1)MR. VENKATAVARA PRASADA RAO KORRAPATI
2)MR. RAVIKANTH VYSYARAJU
3)DR. MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :
The present invention relates to an improved process for the preparation of Etravirine (I) and its intermediates, wherein Des-bromo Etravirine (XI) is purified and this purified form as such used in the next step for the preparation of Etravirine (I). The present invention also relates to purification of Etravirine (I) from an aqueous solvent.

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

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

(21) Application No.5983/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : NETWORK INTERFACE SHARING

(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)INEDA SYSTEMS PVT. LTD
Address of Applicant :8-2-120/115/C, SUDHA ENCLAVE, ROAD NO. 2, BANJARA HILLS, HYDERABAD - 500 034 Andhra Pradesh India
(72)**Name of Inventor :**
1)KANIGICHERLA, BALAJI
2)TANDABOINA, KRISHNA MOHAN
3)DESIRAJU, MURALI
4)BANDA, SITARAM
5)KOLUGURI, HARI PRASAD
6)MADDERU, SATYABABU
7)GOWRISETTI, SIVA KUMAR

(57) Abstract :
Systems and methods to share a plurality of virtual network interface controllers (vNICs) amongst a plurality of hosts 104 are described. The described methods are implemented in a network sharing system (NISS) (102) including a programmable vNIC cluster (204) comprising the plurality of vNICs, where a set of vNICs from amongst the plurality of vNICs is dynamically configured to communicate with a host (104-1) from amongst the plurality of hosts (104). Further, the NISS (102) includes a multi-host peripheral component interconnect (PCI) express (PCIe) interface and mapper (MHIP) (202) coupled to the programmable vNIC cluster (204), to receive data packets from the set of vNICs, wherein the set of vNICs comprises one or more vNICs; and provide the data packets from the set of vNICs to the host (104-1) based on demultiplexing of the data packets.

No. of Pages : 34 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2509/CHENP/2014 A
(43) Publication Date : 26/06/2015

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

(51) International classification :B60W10/08,B60K6/48,B60K6/547
(31) Priority Document No :2011193017
(32) Priority Date :05/09/2011
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/072576
Filing Date :05/09/2012
(87) International Publication No :WO 2013/035728
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)HONDA MOTOR CO. LTD.
Address of Applicant :1 1 Minami Aoyama 2 chome Minato ku Tokyo 1078556 Japan
(72)**Name of Inventor :**
1)KAWATA Kohei
2)YOKOO Kentaro
3)YAMADA Tetsuya

(57) Abstract :
Provided are a hybrid vehicle control device and control method that when a hybrid vehicle is driven by the motive force of an electric motor and/or an internal combustion engine can suppress fuel consumption and can increase fuel efficiency. The control device (1) which is of a hybrid vehicle (V) and controls the operation of an internal combustion engine (3) and an electric motor (4) is provided with an ECU (2). When executing an EV driving mode in accordance with a request torque (TRQ) and a vehicle speed (VP) the ECU (2) calculates an EV fuel consumption amount (FC_ev) and an engine fuel consumption amount (FC_eng) respectively from when executing the EV driving mode and an engine driving mode (step 41). When the engine fuel consumption amount (FC_eng) is less than the EV fuel consumption amount (FC_ev) the ECU (2) selects and executes the engine driving mode and when the EV fuel consumption amount (FC_ev) is less than the engine fuel consumption amount (FC_eng) the ECU (2) selects and executes the EV driving mode (steps 42 and 43).

No. of Pages : 168 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5978/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PENUMATIC CONTROL VALVE

(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 :**
1)WABCO INDIA LIMITED
Address of Applicant :PLOT NO. 3 (SP), III MAIN ROAD, AMBATTUR INDUSTRIAL ESTATE, CHENNAI 600 058 Tamil Nadu India
(72)**Name of Inventor :**
1)GANESAMOORTHY ARUMUGHAM
2)VINOTH KUMAR RANGARAJ
3)NARAYANAN SREENIVASAN
4)SELVAMANI SUNDARAMAHALINGAM

(57) Abstract :
The invention relates to a pneumatic control valve (1), in particular dual-circuit brake transducer in a compressed-air brake system of a vehicle for correcting a brake pressure which corresponds to a desired braking action, having at least one first valve system (10, 14) which is arranged in a housing upper part (2) with a first valve piston (10) which can be actuated via an elastomer spring element (9) manually or by means of an actuator and with a first annular plate valve (14) which interacts therewith, and having a second valve system (30, 37) which is arranged in a housing lower part (2) with a coaxially arranged second valve piston (30) which can be actuated pneumatically and/or mechanically by the first valve system (10, 14) and with a second annular plate valve (37) which interacts therewith. In order to avoid or at least to reduce an impairment of the sealing action of the first valve piston (10) in the housing upper part (2) as a result of transverse forces and tilting moments which can be produced by a plunger piston (4), it is provided that, in the case of the first valve system (10, 14), the elastomer spring element (9) and the first valve piston (10) are configured in one piece as a composite component, and that, in the region of a radial sealing lip (9a) of the elastomer spring element (9), the material of the elastomer spring element (9) engages radially and axially in a positively locking manner around a radially outer section of the first valve piston (10).

No. of Pages : 20 No. of Claims : 8

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

(21) Application No.5999/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : IMPROVEMENTS RELATING TO HYDROGENOLYSIS

(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)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
Address of Applicant :Carel van Bylandtlaan 30, NL 2596 HR The Hague, The Netherland
(72)**Name of Inventor :**
1)ARIAN VAN MOURIK
2)ANKE DERKING
3)MINNE BOELENS
4)KAUSHIK BASAK

(57) Abstract :
A method for the hydrogenolysis of a phenyl alcohol to eliminate a hydroxyl group therefrom, the method comprising contacting a feed comprising the phenyl alcohol and a hydrogenating agent with a heterogeneous catalyst comprising copper and zinc. A process for the preparation of an alkylene oxide is also disclosed.

No. of Pages : 17 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013
(21) Application No.5991/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A FRAMEWORK TO CONTROL AND MEASURE THE FLOW OF MESSAGES

(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

(71)**Name of Applicant :**
1)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)VENKAT KUMAR SIVARAMAMURTHY
2)HITESH MATHPAL

(57) Abstract :
A system and method for regulating the flow of an electronic message in a social network comprises: creating the electronic message posted by a user in a social network, associating various permissions with the electronic message, notifying the user, information relating to flow of the electronic message from the user in the social network to other user, creating the path of the electronic message flow from the user in the social network to the other user and traversing the path of the electronic message flow from the user in the social network to the other user.

No. of Pages : 27 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5992/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR VERIFYING INTEGRITY OF CLOUD DATA USING UNCONNECTED TRUSTED DEVICE

(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

(71)**Name of Applicant :**
1)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO.44, ELECTRONIC CITY, HOSUR ROAD, BANGALORE - 560 100 Karnataka India
(72)**Name of Inventor :**
1)ASHUTOSH SAXENA
2)NITIN SINGH CHAUHAN
3)SRAVAN R.

(57) Abstract :
The present invention provides a method and system for verifying integrity of cloud data using unconnected trusted device. The method involves requesting encrypted data though a terminal from a metadata offsite location on a cloud storage then entering encrypted data into an unconnected trusted device thereafter obtaining sentinel data from one or more predefined sentinel locations in encrypted data then requesting original data from the cloud storage through the terminal from the unconnected trusted device thereafter comparing sentinel data and original data for integrity and finally displaying the results.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5994/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A METHOD AND SYSTEM FOR MINING FREQUENT AND INFREQUENT ITEMS FROM A LARGE TRANSACTION DATABASE

(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

(71)**Name of Applicant :**
1)INFOSYS LIMITED
Address of Applicant :IP CELL, PLOT NO 44, ELECTRONICS CITY, HOSUR ROAD, BANGALORE 560 100 Karnataka India
(72)**Name of Inventor :**
1)DR. LOKENDRA SHASTRI
2)PROFESSOR ZOUBIN GHARAMANI
3)DR. JOSE MIGUEL HERNANDEZ LOBATTO
4)DR. BALASUBRAMANIAN KANAGASABAPATHI
5)DR. KOLANDAI SWAMY ANTONY AROKIA DURAI RAJ

(57) Abstract :
The technique relates to a system and method for mining frequent and in-frequent items from a large transaction database to provide the dynamic recommendation of items. The method involves determining user interest for an item by monitoring short item behavior of at least one user then selecting a local category, a neighborhood category and a disjoint category with respect to the item clicked by the at least one user based on long term preferences data of a plurality of users of the ecommerce environment thereafter selecting one or more frequent and infrequent items from each of the selected local, neighborhood and disjoint category items and finally generating one or more dynamic recommendations based on the one or more items selected from the local category, the neighborhood category and the disjoint category and the one or more selected frequent and infrequent items.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014
(21) Application No.2511/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : METHOD AND APPARATUS FOR UPLINK TRANSMISSION POWER CONTROL AND TIMING IN COORDINATED MULTIPOINT TRANSMISSION SCHEMES

(51) International classification :H04W52/16,H04W52/40
(31) Priority Document No :61/542656
(32) Priority Date :03/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/000504
Filing Date :04/10/2012
(87) International Publication No :WO 2013/052135
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)QUALCOMM Incorporated
Address of Applicant :Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A.
(72)**Name of Inventor :**
1)GAAL Peter
2)CHEN Wanshi
3)MONTOJO Juan
4)XU Hao

(57) Abstract :
A method an apparatus and a computer program product for wireless communication are provided. The apparatus of a first cell communicates with a second cell in relation to a coordinated multipoint (CoMP) transmission of control information by the first cell and data by the second cell to a user equipment (UE) in a range expanded region of the second cell receives a desired transmission power level for the UE from the second cell generates control information based on the desired transmission power level and transmits the control information to the UE.

No. of Pages : 57 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013
(21) Application No.5964/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : COMPOSITE BACKING MATERIAL LAYER AND METHOD OF FORMING SAME

(51) International classification :B24D
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)SAINT-GOBAIN ABRASIVES, INC.
Address of Applicant :1, NEW BOND STREET, WORCESTER, MASSACHUSETTS 01615-0138 U.S.A.
2)SAINT-GOBAIN ABRASIFS
(72)**Name of Inventor :**
1)K.S. ADISESHAIAH
2)SHARMILA MUTHUKRISHNAN

(57) Abstract :
A composite backing material and coated abrasive article including same, wherein the composite backing material includes a first flexible backing material layer; a natural fiber layer; and a second flexible backing material layer, wherein the natural fiber layer is disposed on the first flexible backing material layer and the second backing material layer is disposed on the natural fiber layer.

No. of Pages : 67 No. of Claims : 58

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5965/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : CONTAINER FOR STORING AND MIXING TWO COMPONENTS AND DISPENSING THE RESULTANT MIXTURE THEREOF

(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 :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M CENTER, POST OFFICE BOX 33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)SHRIVASTAVA, ADITYA
2)JAIN, MANAS
3)GUPTA, SHREY

(57) Abstract :
The present invention generally relates to a storing container, and more particularly, but not exclusively, a container that helps in storing the two different solutions together in the same container and mixing the two solutions and dispensing the resultant mixture.

No. of Pages : 15 No. of Claims : 12

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

(21) Application No.2531/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SHOT PEENING DEVICE

(51) International classification :B24C3/12,B24C9/00
(31) Priority Document No :2012009421
(32) Priority Date :19/01/2012
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2012/067783
Filing Date :12/07/2012
(87) International Publication No :WO 2013/108427
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SINTOKOGIO LTD.
Address of Applicant :28 12 Meieki 3 chome Nakamura ku Nagoya shi Aichi 4500002 Japan
(72)**Name of Inventor :**
1)YAMAMOTO Masatoshi

(57) Abstract :
The purpose of the invention is to obtain a shot peening device that is designed to be smaller while being capable of adjusting the particle size of the shot medium. A pressurizing tank (42) is disposed below the peening position (24X) at which the workpiece (12) is peened and shot medium that has been shot is received into the pressurizing tank (42). The outlet side of the pressurizing tank (42) is capable of communicating with the peening machine. One end of a discharge side pneumatic conveying pipe (54) provided with a suction function is connected between the peening position (24X) and the pressurizing tank (42) and the other end of the discharge side pneumatic conveying pipe (54) is connected to a separator (68). The separator (68) is also connected to one end of a supply side pneumatic conveying pipe (76) provided with a suction function. The other end of the supply side pneumatic conveying pipe (76) communicates with the peening chamber (16).

No. of Pages : 38 No. of Claims : 9

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

(21) Application No.6036/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A DISPLAY APPARATUS

(51) International classification :a47b
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant :3M CENTER, P O BOX 33427, SAINT PAUL MN 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)JOSHI RAMESH SUMIT

(57) Abstract :
A display apparatus (100) includes a light source (102), a cabinet for accommodating the light source. The cabinet includes a front surface (104), a rear surface (106), a frame structure (108), and an extruded section (110). The frame structure (108) is sandwiched between the front surface (104) and the rear surface (106), the frame structure (108) accommodates the light source (102), a portion of the light source (102) is extended into the extruded section (110), and power supplying components (112) of the display apparatus (100) are positioned to be externally accessible in the extruded section (110).

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

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

(21) Application No.6023/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : DRILL TOOL ASSEMBLY

(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

(71)**Name of Applicant :**
1)GITAM INSTITUTE OF TECHNOLOGY
Address of Applicant :GITAM UNIVERSITY, RUSHIKONDA, VISAKHAPATNAM - 530 017 Andhra Pradesh India
(72)**Name of Inventor :**
1)REVURU RUKMINI SRIKANT
2)VUPPALA VENKATA RAMANA SESHA NARASIMHA
3)PASAM VAMSI KRISHNA

(57) Abstract :
A drill tool assembly is disclosed. The drill tool assembly includes a drill bit and a solid lubricant. The drill bit has at least one main channel and at least one side channel. The at least one main channel is configured parallel to an operative axis of the drill bit. The at least one side channel is configured from the main channel to at least one flute of the drill bit. The solid lubricant is filled inside the at least one main channel and the at least one side channel.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2498/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : PROGRAMMABLE TEST INSTRUMENT

(51) International classification :G01R31/28
(31) Priority Document No :13/284483
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056245
Filing Date :20/09/2012
(87) International Publication No :WO 2013/062691
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TERADYNE INC.
Address of Applicant :600 Riverpark Drive North Reading Massachusetts 01864 U.S.A.
(72)**Name of Inventor :**
1)KAUSHANSKY David
2)FRICK Lloyd K.
3)BOURASSA Stephen J.
4)VANDERVALK David
5)FLUET Michael Thomas
6)MCGOLDRICK Michael Francis

(57) Abstract :
In general a test instrument includes a first processing system that is programmable to run one or more test programs to test a device interfaced to the test instrument and that is programmed to control operation of the test instrument a second processing system that is dedicated to device testing the second processing system being programmable to run one or more test programs to test the device and programmable logic configured to act as an interface between the test instrument and the device the programmable logic being configurable to perform one or more tests on the device. The first processing system and the second processing system are programmable to access the device via the programmable logic.

No. of Pages : 35 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :02/04/2014

(21) Application No.2499/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : TEST INSTRUMENT HAVING A CONFIGURABLE INTERFACE

(51) International classification :G01R31/28
(31) Priority Document No :13/284378
(32) Priority Date :28/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2012/056247
Filing Date :20/09/2012
(87) International Publication No :WO 2013/062692
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TERADYNE INC.
Address of Applicant :600 Riverpark Drive North Reading Massachusetts 01864 U.S.A.
(72)**Name of Inventor :**
1)BOURASSA Stephen J.
2)MCGOLDRICK Michael Francis
3)KAUSHANSKY David
4)FLUET Michael Thomas

(57) Abstract :
In general a test instrument includes a processing system programmed to control operation of the test instrument including communication with a control system and programmed to run one or more test programs to test a device interfaced to the test instrument the processing system including multiple processing devices and a configurable interface through which communications are exchanged with the device interfaced to the test instrument the configurable interface including physical ports to which different configurations are assignable.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2014

(21) Application No.2657/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SHAPE SENSING DEVICES FOR REAL TIME MECHANICAL FUNCTION ASSESSMENT OF AN INTERNAL ORGAN

(51) International classification :A61B5/11
(31) Priority Document No :61/549298
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055742
Filing Date :19/10/2012
(87) International Publication No :WO 2013/057708
(61) 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)RAMACHANDRAN Bharat
2)CHAN Raymond
3)MANZKE Robert

(57) Abstract :
A system and method for functioning organ assessment include a sensing enabled flexible device (102) having an optical fiber configured to sense induced strain continuously over a length of the flexible device. The flexible device includes a manipulation mechanism (105) configured to permit engagement with an interior wall of an organ over the length. An interpretation module(115) is configured to receive optical signals from the optical fiber between two phases of movement of the organ while the organ is functioning and to interpret the optical signals to quantify parameters associated with the functioning of the organ.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :08/04/2014

(21) Application No.2659/CHENP/2014 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : MAGNETIC PARTICLE DETECTION WITH INCUBATION PERIOD

(51) International classification :G01N35/00,B01L3/00
(31) Priority Document No :61/549428
(32) Priority Date :20/10/2011
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2012/055355
Filing Date :05/10/2012
(87) International Publication No :WO 2013/057616
(61) 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)FOPPEN Sytske
2)BEERLING Bernardus Jozef Maria
3)HUIJNEN KEUR Willemina Maria
4)DE GRAAF Hendrik Jan
5)KEMPER VAN DE WIEL Danielle Walthera Maria
6)SMITS Roland Antonius Johannes Gerardus
7)IMMINK Albert Hendrik Jan
8)DE THEIJE Femke Karina
9)MEERTENS Wendela

(57) Abstract :
The invention relates to a method and a device for the detection of magnetic particles (1) in a sample chamber (112). After introduction of the sample into said sample chamber (112) the magnetic particles (1) are first retained within the sample chamber (112) and kept away from the sensing surface (111) by an appropriate magnetic field (B) to allow for an incubation of the sample with reagents. A reference measurement may be made during this incubation period (T) preferably at the end thereof. After incubation the magnetic particles (1) are allowed to contact the sensing surface (111) where a target measurement can be conducted.

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

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :20/12/2013

(21) Application No.5986/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RELATION AMONG NEGATIVE RESISTANCE, CURRENT AND VOLTAGE OF ELECTROLYTE BATTERY BY. R. VELMURUGAN

(51) International classification :H01J
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)R. VELMURUGAN
Address of Applicant :146/5, NORTH DTREET, SENGAMEDU (VILL), AVINANGUDI (PO), TITTAGUDI (T.K), CUDDALORE (DT) - 606 112 Tamil Nadu India
(72)**Name of Inventor :**
1)R. VELMURUGAN

(57) Abstract :
I charged a lead -acid battery .after full charge of lead-acid battery I used the battery for glowing two light emitting diode ,during utilization of lead-acid battery I measured negative resistance .voltage and current, during electric power of lead-acid battery used the negative resistance of battery increased .heretofore written facts are background of invention.

No. of Pages : 5 No. of Claims : 2

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

(21) Application No.5903/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : RESISTIVE LOAD FOR SIMULATION OF 3:1 VSWR

(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 :**
1)SLRDC, HAL
Address of Applicant :AGM (D), SLRDC, HINDUSTAN AERONAUTICS LIMITED, AVIONICS DIVISION, BALANAGAR, HYDERABAD - 500 042 Andhra Pradesh India
(72)**Name of Inventor :**
1)RAMAVATH SREEDHAR

(57) Abstract :
The invention is driven by the requirement of protecting RF Power amplifier under high VSWR conditions. For implementation of VSWR protection in RF power amplifier, they should be subjected to extreme load conditions, which in present case was taken as 3:1. The reflected power that comes back to the RF power amplifiers under 1:1 and 3:1 load conditions is measured and used as a bench mark for comparison of power reflection coefficient Pr. Pr is processed and as and when the load conditions exceeds 3:1, the PA is shut down thus protecting from permanent damage. In particular, the resistive load under consideration is designed and developed for a specific requirement of our transceivers to overcome the size and connectivity constraints arising due to DC and RF cables. The resistive load is successfully tested and a robust VSWR protection scheme is implemented to protect RF Power amplifiers.

No. of Pages : 9 No. of Claims : 4

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

(21) Application No.6042/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : AN IMPROVED PURIFICATION PROCESS FOR THE PREPERATION OF NAFTOPIDIL

(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)AUROBINDO PHARMA LTD
Address of Applicant :THE WATER MARK BUILDING, PLOT NO. 11, SURVEY NO. 9, KONDAPUR, HITECH CITY, HYDERABAD - 500 084 Andhra Pradesh India
(72)**Name of Inventor :**
1)VENKATA VARA PRASADA RAO KORRAPATI
2)INTI VENKATA SUBRAMANYESWARA RAO
3)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :
The present invention relates to a purification process of Naftopidil (I), comprises dissolving Naftopidil in methanol, followed by treating the solution with carbon at reflux temperature further, isolating pure Naftopidil with reduced content of impurities of formulae IV, V and VI.

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

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

(21) Application No.6043/CHE/2013 A
(43) Publication Date : 26/06/2015

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

(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

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES INDIA PVT. LTD.
Address of Applicant :NO. 23, LEVEL 3&4 LEELA GALLERIA, AIRPORT ROAD, BANGALORE 560 017 Karnataka India
(72)**Name of Inventor :**
1)RASTOGI, KUMAR RAJEEV
2)KAPILA, AMIT
3)KUMAR, VISWANATHAM KIRAN

(57) Abstract :
Embodiments of the present invention provide a method and an apparatus for data query. The method provided in the embodiments of the present invention comprises: receiving a query request (201); when a plan tree for the query request and an execution tree for the plan tree exist, and the execution tree is a partial execution tree, reinitializing (202) the partial execution tree to generate a complete execution tree; and retrieving (203) data query result using the complete execution tree. Embodiments of the present invention can save the storage space taken by the execution tree in the cursor cache without losing performance which can be beneficial for in-memory systems.

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

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

(21) Application No.6044/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : HOUSING FOR SOLAR PANEL ELECTRIC CONNECTION

(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

(71)**Name of Applicant :**
1)TE CONNECTIVITY INDIA PRIVATE LIMITED
Address of Applicant :TE PARK, SITE #22B
DODDENAKUNDI INDUSTRIAL AREA, WHITEFIELD
MAIN ROAD, BANGALORE - 560 048 Karnataka India
(72)**Name of Inventor :**
1)SHETTY, PRANEETH PRABHAKAR
2)SETTRU, GURURAJ

(57) Abstract :
A solar junction box for an electric connector for a solar panel comprises a chassis element, a bushing for sealing a cable running through a wall of the chassis element and a first cable guide with an aperture for running through the cable, wherein the first cable guide is attached to an outside of the chassis element.

No. of Pages : 25 No. of Claims : 15

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

(21) Application No.6053/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : SYSTEM AND METHOD FOR CONTROLLING TEMPERATURE OF AIR AT AN INLET OF A GAS TURBINE

(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

(71)**Name of Applicant :**
1)GENERAL ELECTRIC COMPANY
Address of Applicant :1 RIVER ROAD, SCHENECTADY, NEW YORK 12345 U.S.A.
(72)**Name of Inventor :**
1)CHAUDHRY, GUNARANJAN
2)SINGH, AVNIT

(57) Abstract :
A system for controlling a temperature of air at an inlet of a gas turbine is presented. The system includes an ejector operatively coupled to a heat recovery steam generator and configured to generate an intermediate pressure refrigerant by using a high pressure refrigerant. Also, the system includes a condenser operatively coupled to the ejector and configured to extract heat from the intermediate pressure refrigerant. Further, the system includes an expanding unit operatively coupled to the condenser and configured to expand the intermediate pressure refrigerant to generate a low pressure refrigerant. In addition, the system includes a heat exchanging unit configured to receive the low pressure refrigerant from the expanding unit, the high pressure refrigerant from the heat recovery steam generator, or both, and control the temperature of the inlet air based on the received low pressure refrigerant, the received high pressure refrigerant, or both.

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

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

(21) Application No.6054/CHE/2013 A
(43) Publication Date : 26/06/2015

(54) Title of the invention : A PLUNGER USED FOR BRIQUETTING TOOL PLUNGER APPLICATION, A COMPOSITION AND A METHOD FOR COATING THE COMPOSITION ONTO THE PLUNGER

(51) International classification :B41G
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) 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)PES INSTITUTE OF TECHNOLOGY
Address of Applicant :100FT RING ROAD, BSK 3RD STAGE, BANGALORE - 560 085 Karnataka India
(72)**Name of Inventor :**
1)DR. C. S. RAMESH
2)N. SEKHAR
3)DR. R. KESHAVAMURTHY

(57) Abstract :
A plunger used for briquetting tool plunger application, a composition and a method for coating the composition onto the plunger A plunger used for briquetting tool plunger application, the plunger comprises a composition coated onto the plunger, the composition comprising of Inconel 718 and Titanium Dioxide, wherein the composition is coated onto the plunger using the HVOF technique.

No. of Pages : 13 No. of Claims : 14

AMENDMENT UNDER SEC.57
CHENNAI

Notice is hereby given to make amendments in the complete specification in respect of the following patent numbers.

Any person interested may at any time within three months from the date of this publication give notice on Form – 14 to the Controller of Patents, if any, at the appropriate office.

Patent Numbers:-

1. **4748/CHENP/2008 (260195)**
2. **2159/CHE/2006 (243643)**
3. **2086/CHENP/2004 (263765)**
4. **451/CHENP/2005 (244313)**
5. **865/CHENP/2006 (245652**)

AMENDMENT UNDER SEC.57,
KOLKATA

(1)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 192209 (596/CAL/1998) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(2)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 200190 (777/CAL/1998) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(3)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 200951 (IN/PCT/2002/1325/KOL) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(4)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 201716 (IN/PCT/2001/1248/KOL) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(5)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 213435 (IN/PCT/1999/30/KOL) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(6)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 205545 (IN/PCT/2001/1087/KOL) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(7)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 206840 (1884/CAL/1998) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(8)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 206909 (484/CAL/1999) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(9)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 208116 (IN/PCT/2002/520/KOL) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(10)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name of the Patentee in respect of Patent No. 208405 (IN/PCT/2002/993/KOL) has been amended as follows:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
to
PANASONIC CORPORATION

(11)

In pursuance of leave granted under Section 57 of the Patents Act, 1970 the name and address of the Patentee in respect of Patent No. 235859 (IN/PCT/2001/197/KOL) has been amended as follows:

Pharmax Limited, Bourne Road, Bexley, Kent Da5 1nx
to
Forest Laboratories Uk Limited,
Riverbridge House, Anchor Boulevard,
Crossways Business Park,
Dartford Kent, Da2 6sl,
United Kingdom

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	266975	2247/DELNP/2008	20/07/2006	09/09/2005	A MULTIFUNCTIONAL LOCK	MALAFON ELECTRONIC (SUZHOU) CO. LTD.	08/08/2008	DELHI
2	266978	1286/DELNP/2008	16/06/2006	16/07/2005	CUTTING TOOL	BPB LIMITED,	20/06/2008	DELHI
3	266980	7003/DELNP/2007	19/01/2004	19/01/2004	A CASTING INSTALLATION	VESUVIUS GROUP S.A.	23/11/2007	DELHI
4	266982	6300/DELNP/2008	18/01/2007	19/01/2006	CAMSHAFT SUPPORT STRUCTURE FOR INTERNAL COMBUSTION ENGINE	TOYOTA JIDOSHA KABUSHIKI KAISHA	24/10/2008	DELHI
5	266984	7674/DELNP/2008	09/02/2007	31/05/2006	SEAT BELT PRETENSIONER	KEY SAFETY SYSTEMS, INC.	24/10/2008	DELHI
6	266986	4989/DELNP/2006	01/03/2004	01/03/2004	A CAST TAPE	BSN MEDICAL, INC.	13/07/2007	DELHI
7	266987	1586/DEL/2003	22/12/2003		A LEG GUARD WITH POSITION LAMP OR DIRECTION INDICATOR FOR A TWO WHEELED VEHICLE	LML LIMITED	30/12/2005	DELHI
8	266988	3601/DELNP/2004	15/05/2003	17/05/2002	COPPER-NICKEL-SILICON TWO PHASE QUENCH SUBSTRATE	METGLAS, INC.,	27/11/2009	DELHI
9	267004	1848/DELNP/2008	29/08/2006	30/08/2005	CARBIDONITRIDOSILICATE LUMINESCENT SUBSTANCE	LEUCHTSTOFFWERK BREITUNGEN GMBH,,TRIDONIC JENNERSDORF GMBH	27/06/2008	DELHI
10	267011	3894/DELNP/2005	11/01/2000	12/01/1999	CONTINUOUSLY CAST PLAIN CARBON STEEL STRIP	CASTRIP, LLC.	24/08/2007	DELHI
11	267027	4938/DELNP/2006	01/03/2005	02/03/2004	FRONT LOADING LOCK ASSEMBLY	KWIKSET CORPORATION	17/08/2007	DELHI
12	267028	1801/DELNP/2003	04/02/2003	08/02/2002	A VEHICLE TAILGATE LIFT ASSIST SYSTEM	MULTIMATIC INC.	14/10/2005	DELHI
13	267038	1206/DEL/2002	02/12/2002	05/12/2001	ENGINE STARTING CONTROL APPARATUS	HONDA GIKEN KOGYO KABUSHIKI KAISHA	27/12/2013	DELHI
14	267047	138/DELNP/2008	04/08/2006	16/08/2005	FUEL CELL SYSTEM	TOYOTA JIDOSHA KABUSHIKI KAISHA	01/08/2008	DELHI
15	267049	1009/DEL/2001	28/09/2001		A PROCESS FOR PREPARATION OF FERRONICKEL FROM SPENT NICKEL CATALYST	COUNCIL OF SCIENTIFIC AND INDUSTRIAL, RESEARCH	07/06/2013	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	266970	2188/MUMNP/2007	17/03/2006	02/06/2005	ADAPTIVE GDFE	ADAPTIVE SPECTRUM AND SIGNAL ALIGNMENT INC.	01/02/2008	MUMBAI
2	266976	1485/MUM/2005	01/12/2005		PROCESS TO PRODUCE 7-(4-BROMOBUTOXY)-3,4-DIHYDRO-2 (1H)-QUINOLINONE,	CENTAUR CHEMICALS PRIVATE LIMITED	06/07/2007	MUMBAI
3	266979	692/MUM/2005	09/06/2005		MEASURING BUS TRAFFIC ON A CAN BUS NETWORK AND VISUALLY INDICATING BUS OCCUPANCY	Tektronix,Inc	22/06/2007	MUMBAI
4	266981	612/MUM/2007	30/03/2007 12:33:58		DICLOFENAC AND MISOPROSTOL COMPOSITIONS	WOCKHARDT LIMITED	14/11/2008	MUMBAI
5	266983	1147/MUMNP/2011	30/10/2009	04/11/2008	FILTRATION APPARATUS AND WATER TREATMENT APPARATUS	KURITA WATER INDUSTRIES LTD.	30/12/2011	MUMBAI
6	266985	1908/MUM/2009	19/08/2009 14:59:58		PORTABLE WATER PURIFICATION SYSTEM	TATA CONSULTANCY SERVICES LIMITED	23/03/2012	MUMBAI
7	267000	250/MUM/2007	09/02/2007 16:02:59		DEVICE FOR CLAMPING TUBES/PIPES	LARSEN & TOUBRO LIMITED	03/10/2008	MUMBAI
8	267012	134/MUM/2010	18/01/2010 15:04:04		PROCESS FOR PRODUCING STABLE AND PURE LIQUID FORM OF CHLORINE DIOXIDE	PROPHYLAXIS	23/04/2010	MUMBAI
9	267013	2099/MUM/2010	23/07/2010 15:23:04		CONTINUOUS POLYMERIZATION PROCESS USING INTENSELY STIRRED VESSELS	RELIANCE INDUSTRIES LIMITED	11/01/2013	MUMBAI
10	267014	1407/MUMNP/2009	05/03/2008	09/03/2007	DELAY MECHANISM FOR AUTOMATIC INJECTION DEVICE •	ELI LILLY AND COMPANY	26/03/2010	MUMBAI
11	267015	297/MUM/2011	02/02/2011 15:36:44		ADIABATIC REGENERATION OF SULFUR CAPTURING ADSROBENTS	RELIANCE INDUSTRIES LIMITED	10/08/2012	MUMBAI

12	267016	1857/MUM/2011	28/06/2011 12:52:02		PRECURSOR FOR POLYOLEFIN CATALYST	RELIANCE INDUSTRIES LIMITED	04/01/2013	MUMBAI
13	267018	2813/MUM/2010	11/10/2010 15:30:52		A PROCESS FOR RECOVERY OF COBALT AND MANGANESE FROM RESIDUAL SOLID WASTE	RELIANCE INDUSTRIES LIMITED	21/02/2014	MUMBAI
14	267019	2844/MUM/2010	12/10/2010 15:28:16		TITANIUM DIOXIODE AND PROCESS FOR ITS SYNTHESIS	RELIANCE INDUSTRIES LIMITED	21/02/2014	MUMBAI
15	267025	438/MUMNP/2009	31/08/2007	05/09/2006	APPARATUS FOR MEASURING THE VOLUMETRIC AND MASS FLOW OF A MEDIUM IN A PIPELINE	ENDRESS+HAUSER FLOWTEC AG	15/05/2009	MUMBAI
16	267031	664/MUMNP/2007	21/11/2005	15/12/2004	A WOVEN FABRIC	ALBANY INTERNATIONAL CORP.	03/08/2007	MUMBAI
17	267033	654/MUMNP/2009	10/10/2007	11/10/2006	AUTOSTEREOSCOPIC DISPLAY	SAMSUNG ELECTRONICS CO. LTD.	15/05/2009	MUMBAI
18	267036	1833/MUM/2008	29/08/2008 17:06:59	21/02/2008	IMAGE FORMING APPARATUS, AND DEVELOPING DEVICE AND DEVELOPING UNIT THEREOF	SAMSUNG ELECTRONICS CO., LTD.	04/09/2009	MUMBAI
19	267040	841/MUM/2008	11/04/2008		TELECOMMUNICATIO N DEVICE WITH SPEECH ENHANCEMENT FACILITY	MAHESH TUKARAM KOLTE	03/07/2009	MUMBAI
20	267043	295/MUMNP/2008	19/08/2006	22/08/2005	INTERFACE ELEMENT	MAPAL FABRIK FUER PRAEZISIONSWERKZE UGE DR. KRESS KG	07/03/2008	MUMBAI
21	267045	714/MUMNP/2008	27/09/2006	27/09/2005	FRAME INTERPOLATION USING MORE ACCURATE MOTION INFORMATION	QUALCOMM INCORPORATED	04/07/2008	MUMBAI
22	267048	149/MUM/2007	25/01/2007		A PROCESS FOR MANUFACTURING METHYL AMINES	BALAJI AMINES LIMITED	08/05/2009	MUMBAI
23	267057	497/MUM/2007	16/03/2007		MAGNETIC BLOW OUT CORE FOR CIRCUIT BREAKER	LARSEN & TOUBRO LIMITED	07/11/2008	MUMBAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	266966	4774/CHENP/2008	12/03/2007	10/03/2006	IMPROVED PROCESS FOR PRODUCING A SOLID DISPERSION OF AN ACTIVE INGREDIENT	ABBVIE DEUTSCHLAND GMBH & CO. KG	13/03/2009	CHENNAI
2	266969	1026/CHENP/2009	23/08/2007	24/08/2006	MACROPOROUS CALCIUM PHOSPHATE BONE CEMENT COMPRISING POLYSACCHARIDES	GRAFTYS,UNIVERSITE DE NANTES	29/05/2009	CHENNAI
3	266971	407/CHENP/2008	20/07/2006	26/07/2005	CYCLOHEXYLAMIN ISOQUINOLONE DERIVATIVES AS RHO-KINASE INHIBITORS	SANOFI-AVENTIS	19/09/2008	CHENNAI
4	266972	6726/CHENP/2008	29/06/2007	29/06/2006	METHOD AND APPARATUS FOR SELECTION MECHANISM BETWEEN OFDM-MIMO AND LFDM-SIMO	Qualcomm Incorporated	03/04/2009	CHENNAI
5	266977	1433/CHE/2006	11/08/2006	13/08/2005	PROCESS FOR DISTILLATIVELY REMOVING PIPERAZINE FROM AN ETHYLENEDIAMINE-PIPERAZINE MIXTURE	BASF SE	22/06/2007	CHENNAI
6	266989	4843/CHENP/2009	21/02/2008	22/02/2007	COATING COMPOSITION AND PHOTOCHROMIC OPTICAL ARTICLE	TOKUYAMA CORPORATION	06/11/2009	CHENNAI
7	266990	5662/CHENP/2009	27/03/2008	27/03/2007	METHOD OF PRODUCING N-PHENYL-N'-PHENYLSULFONYL PIPERAZINE DERIVIATIVE	SHIONOGI & CO., LTD.	18/12/2009	CHENNAI

8	266991	3639/CHENP/2006	23/03/2005	01/04/2004	ALKYLATED PANA AND DPA COMPOSITIONS	BASF SE	15/06/2007	CHENNAI
9	266992	6307/CHENP/2008	18/12/2007	18/12/2007	TIRE WHEEL OF DOUBLE STRUCTURE AND METHOD OF MOUNTING SAME	KAZUHIRO IKEDA	27/02/2009	CHENNAI
10	266993	4508/CHENP/2009	25/09/2007	05/02/2007	SPEED CHANGE POWER TRANSMISSION DEVICE	KUBOTA CORPORATION	11/09/2009	CHENNAI
11	266994	2478/CHENP/2008	18/10/2006	19/10/2005	MULTI-PACKAGE WATER-BORNE COATING COMPOSITIONS AND THEIR COATING METHOD	KANSAI PAINT CO., LTD.	06/03/2009	CHENNAI
12	266995	5105/CHENP/2007	11/04/2006	14/04/2005	A METHOD FOR CLEANING AN ELECTRIC APPARATUS	KONINKLIJKE PHILIPS ELECTRONICS N.V.	27/06/2008	CHENNAI
13	266996	6801/CHENP/2008	11/05/2007	12/05/2006	FUEL INJECTOR	DELPHI INTERNATIONAL OPERATIONS LUXEMBOURG S.A.R.L.	27/03/2009	CHENNAI
14	266998	3689/CHENP/2008	03/01/2007	03/01/2006	ASSAY, KIT AND APPARATUS FOR DETECTION OF ARTEMISININ DERIVATIVES	LONDON SCHOOL OF HYGIENE & TROPICAL MEDICINE	13/03/2009	CHENNAI
15	266999	1082/CHE/2008	01/05/2008	02/05/2007	PROCESS FOR THE CONTINUOUS PREPARATION OF ORGANOPOLYSILOXANES HAVING AMINOALKYL GROUPS	WACKER CHEMIE AG	21/08/2009	CHENNAI
16	267001	3917/CHENP/2009	05/12/2007	06/12/2006	METHOD FOR MANUFACTURING COMPOSITE WITH HIGH CORROSION RESISTANCE	TAISEI PLAS CO., LTD	21/08/2009	CHENNAI
17	267002	1820/CHE/2008	30/07/2008	31/07/2007	METHOD AND APPARATUS FOR CONTROLLING OUTPUT IN HYDROELECTRIC POWER STATION	KABUSHIKI KAISHA TOSHIBA	21/08/2009	CHENNAI
18	267003	1904/CHE/2009	11/08/2009 15:13:45	13/08/2008	TUBULAR REACTOR WITH JET IMPINGEMENT HEAT TRANSFER	AIR PRODUCTS AND CHEMICALS, INC.	19/02/2010	CHENNAI
19	267005	1735/CHENP/2008	08/09/2006	09/09/2005	DISTRIBUTED ANTENNA SYSTEM USING SIGNAL PRECURSORS	POWERWAVE TECHNOLOGIES, INC.	26/12/2008	CHENNAI

20	267006	3494/CHENP/2006	21/03/2005	24/03/2004	DISTRIBUTED BEACONING PERIODS FOR AD-HOC NETWORKS	KONINKLIJKE PHILIPS ELECTRONICS N.V.	15/06/2007	CHENNAI
21	267007	3572/CHENP/2008	29/01/2007	27/01/2006	DIVERSE SPECTRUM ANTENNA FOR HANDSETS AND OTHER DEVICES	QUALCOMM INCORPORATED	13/03/2009	CHENNAI
22	267009	1076/CHENP/2006	20/10/2004	31/10/2003	FLUID EJECTION DEVICE	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P	17/08/2007	CHENNAI
23	267010	1619/CHENP/2007	20/09/2005	22/09/2004	CONFORMAL SEGMENTATION OF ORGANS IN MEDICAL IMAGES	KONINKLIJKE PHILIPS ELECTRONICS N.V	31/08/2007	CHENNAI
24	267017	4753/CHENP/2009	28/01/2008	15/02/2007	CLAMP APPARATUS	SMC KABUSHIKI KAISHA	04/12/2009	CHENNAI
25	267021	1515/CHENP/2009	27/12/2006	30/09/2006	WEAVE WITH VISUAL COLOR VARIATION	Huang, Min-San	21/08/2009	CHENNAI
26	267022	322/CHE/2004	07/04/2004	09/04/2003	FLEXIBLE THREADED FASTENER	BELL HELICOPTER TEXTRON, INC	13/01/2006	CHENNAI
27	267026	1420/CHENP/2009	04/09/2007	05/09/2006	METHOD AND APPARATUS FOR DATA AND CONTROL MULTIPLEXING	QUALCOMM INCORPORATED	26/06/2009	CHENNAI
28	267032	4360/CHENP/2008	23/01/2007	24/01/2006	SOFT-GELATIN CAPSULE FORMULATION	R-TECH UENO, LTD.,SUCAMPO AG	13/03/2009	CHENNAI
29	267034	1362/CHENP/2008	19/09/2006	20/09/2005	PRESSURE CONTROL DEVICE AND FUEL FEED DEVICE USING THE SAME	HONDA MOTOR CO., LTD.,MITSUBA CORPORATION	28/11/2008	CHENNAI
30	267039	74/CHENP/2008	05/07/2006	05/07/2005	COMMUNICATIONS DEVICE AND COMMUNICATIONS METHOD	PANASONIC CORPORATION,MITSUBISHI ELECTRIC CORPORATION,SONY CORPORATION	19/09/2008	CHENNAI
31	267041	2441/CHENP/2008	09/11/2006	18/11/2005	METHOD OF MAKING A LITHOGRAPHIC PRINTING PLATE	AGFA GRAPHICS NV	06/03/2009	CHENNAI
32	267046	901/CHENP/2007	02/09/2005	03/09/2004	THERMALLY DISSOCIATIVE BLOCKED POLYISOCYANATE	Dow Global Technologies LLC	24/08/2007	CHENNAI
33	267050	428/CHE/2009	26/02/2009 16:52:58	26/03/2008	HEADLIGHT STRUCTURE OF VEHICLE	HONDA MOTOR CO.,LTD.	02/10/2009	CHENNAI

34	267051	661/CHE/2007	30/03/2007		LUBRICATION SYSTEM FOR AN ENGINE	TVS MOTOR COMPANY LIMITED	28/11/2008	CHENNAI
35	267052	3194/CHE/2008	19/12/2008 14:31:09		THE METHOD OF MEASURING THE AIR-FUEL RATIO OF A SPARK IGNITION ENGINE	INDIAN INSTITUTE OF TECHNOLOGY	25/06/2010	CHENNAI
36	267053	731/CHE/2008	26/03/2008 15:32:52		A DEVICE FOR THE UTILISATION OF EXHAUST GAS ENERGY OF AN IC ENGINE	TVS MOTOR COMPANY LIMITED	02/10/2009	CHENNAI
37	267054	4342/CHENP/2007	10/01/2006	30/03/2005	A FLOORING SYSTEM	VALINGE INNOVATION AB	25/01/2008	CHENNAI
38	267055	2116/CHE/2007	20/09/2007		A KITCHEN ON A VEHICLE	TVS MOTOR COMPANY LIMITED	10/01/2014	CHENNAI
39	267058	6024/CHENP/2008	24/04/2007	08/05/2006	PARTICLE-CONTAINING FIBROUS WEB	3M INNOVATIVE PROPERTIES COMPANY	27/03/2009	CHENNAI

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	266973	397/KOLNP/2007	01/08/2005	30/07/2004	ANTIMICROBIAL SILVER COMPOSITIONS	KIMBERLY-CLARK WORLDWIDE, INC.	06/07/2007	KOLKATA
2	266974	651/KOLNP/2007	13/09/2005	13/09/2004	METHOD FOR MANUFACTURING SERTACONAZOLE MONONITRATE AND INTERMEDIATE SERTACONAZOLE MONONITRATE MONOHYDRATE FORMED DURING THE METHOD	FERRER INTERNACIONAL, S.A.	06/07/2007	KOLKATA
3	266997	3905/KOLNP/2008	14/02/2008	14/02/2007	AUDIO DECODING METHOD AND AUDIO DECODING APPARATUS	LG ELECTRONICS INC.	27/02/2009	KOLKATA
4	267008	188/KOLNP/2008	11/07/2006	11/07/2005	TOUGHENED CYANOACRYLATE COMPOSITIONS	HENKEL CORPORATION	19/09/2008	KOLKATA
5	267020	2981/KOLNP/2008	12/10/2006	22/12/2005	A PHARMACEUTICAL COMPOSITION AND/OR DIETETIC COMPOSITION	ORGANOBALANCE GMBH	06/02/2009	KOLKATA
6	267023	1725/KOLNP/2010	29/10/2008	18/12/2007	HETEROPHASIC POLYPROPYLENE WITH HIGH IMPACT PROPERTIES	BOREALIS TECHNOLOGY OY	27/08/2010	KOLKATA
7	267024	879/KOLNP/2007	12/09/2005	30/09/2004	A METHOD OF SUPPORTING OPERATION OF SLEEP MODE IN A WIDEBAND RADIO ACCESS SYSTEM	LG ELECTRONICS, INC.	13/07/2007	KOLKATA
8	267029	3109/KOLNP/2008	19/01/2007	19/01/2006	METHOD FOR TRANSMITTING AND RECEIVING TRAFFIC INFORMATION AND APPRATUS THEREOF	LG ELECTRONICS INC.	06/02/2009	KOLKATA
9	267030	2486/KOLNP/2009	16/01/2007	16/01/2007	A SYSTEM FOR DETECTING TORQUE IN A MAST OF A ROTORCRAFT	BELL HELICOPTER TEXTRON INC.	14/08/2009	KOLKATA
10	267035	451/KOLNP/2008	13/06/2006	30/07/2005	HAND DRYING APPARATUS	DYSON TECHNOLOGY LIMITED	17/10/2008	KOLKATA
11	267037	2222/KOLNP/2006	12/01/2005	12/01/2004	SYSTEMS AND METHODS FOR COMPARTMENTAL REPLACEMENT IN A KNEE	DEPUY PRODUCTS, INC.	25/05/2007	KOLKATA

12	267042	66/KOLNP/2008	01/07/2002	27/02/2002	APPARATUS FOR THE LIQUEFACTION OF NATURAL GAS AND METHODS RELATING TO SAME	BATTELLE ENERGY ALLIANCE, LLC	12/09/2008	KOLKATA
13	267044	2008/KOLNP/2010	12/12/2008	12/12/2007	NOVEL BLOCK POLYISOCYANATE AND URETHANE COMPOSITION CONTAINING THE SAME	ASAHI KASEI CHEMICALS CORPORATION	25/11/2011	KOLKATA
14	267056	941/KOL/2006	19/09/2006	27/10/2005	MISFIRE DETECTION SYSTEM FOR DISPLACEMENT ON DEMAND (DOD) ENGINE	GM GLOBAL TECHNOLOGY OPERATION INC	06/07/2007	KOLKATA
15	267059	780/KOLNP/2007	24/08/2005	03/09/2004	AN X-RAY SYSTEM	SIEMENS AKTIENGESELLSCHAFT	13/07/2007	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 ARTIBEN SUBHASHBHAI PANCHAL, registered under the Designs Act, 2000 has licensed his right to use and exploit the design in the Register of Designs in the name as follows:-

Design No.	Class	Name
193033	08-07	VARUN SUBHASHBHAI PANCHAL, HAVING NATIONALITY INDIAN, SOLE PROPRIETOR OF VERTEX TECHNOLOGY, HAVING ITS OFFICE AT D-30-B, DIAMOND PARK, GIDC, NARODA, AHMEDABAD-382 830, GUJARAT, INDIA

The Design stands in the name of ARTIBEN SUBHASHBHAI PANCHAL, registered under the Designs Act, 2000 has licensed his right to use and exploit the design in the Register of Designs in the name as follows:-

Design No.	Class	Name
205868, 205869, 205870, 205871	08-07	VARUN SUBHASHBHAI PANCHAL, HAVING NATIONALITY INDIAN, SOLE PROPRIETOR OF VERTEX TECHNOLOGY, HAVING ITS OFFICE AT D-30-B, DIAMOND PARK, GIDC, NARODA, AHMEDABAD-382 830, GUJARAT, INDIA

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	192108	19.06.2015
2.	216980	17.06.2015
3.	201453	19.05.2015
4.	198003	20.05.2015
5.	197407	20.05.2015
6.	201194	20.05.2015
7.	201432	19.05.2015
8.	201433	20.05.2015
9.	201454	19.05.2015
10.	201452	19.05.2015

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	265548
CLASS	15-03
1)KIRLOSKAR OIL ENGINES LIMITED, AN INDIAN COMPANY OF 13, LAXMANRAO KIRLOSKAR ROAD, KHADKI, PUNE-411003, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	09/09/2014
TITLE	BONNET OF A POWER TILLER
PRIORITY NA	



DESIGN NUMBER	268838
CLASS	12-11
1)THAIKATTIL JOSE, THAIKATTIL HOUSE, OLLUKARA P.O., THRISSUR, KERALA STATE 680655, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	13/01/2015
TITLE	LUGGAGE CARRIER FOR A TWO WHEELED VEHICLE
PRIORITY NA	



DESIGN NUMBER	250632
CLASS	12-08
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY	
DATE OF REGISTRATION	03/01/2013
TITLE	DRIVERS CAB OF A UTILITY VEHICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001335236	04/07/2012	OHIM



DESIGN NUMBER	266023
CLASS	15-07
1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT 1913, APPLIANCE DIVISION, PLANT 11, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA.	
DATE OF REGISTRATION	25/09/2014
TITLE	REFRIGERATOR
PRIORITY NA	



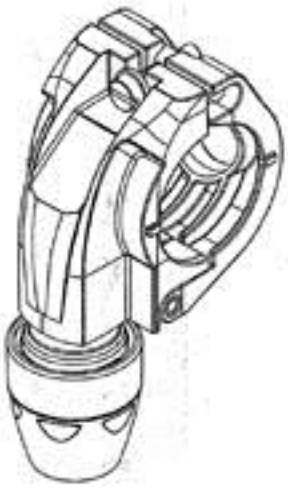
DESIGN NUMBER	263411
CLASS	12-16
1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421	
DATE OF REGISTRATION	17/06/2014
TITLE	EXTENSION ASSEMBLY OF CRANE
PRIORITY NA	



DESIGN NUMBER	265551
CLASS	23-01
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY	
DATE OF REGISTRATION	09/09/2014
TITLE	CONNECTION FOR PIPES, TUBES OR HOSES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002425116	14/03/2014	EUROPEAN UNION



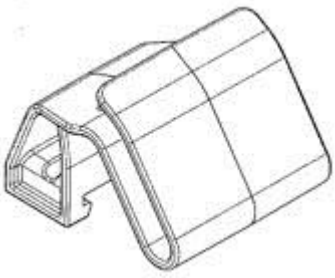
DESIGN NUMBER	265729
CLASS	07-04
1)MR. SACHIN SACHDEV, MRS. MANASI SACHDEV AND MR. RAVI CHAWLA ALL PARTNERS OF M/S NAYASA MULTIPLAST, A PARTNERSHIP CONCERN DULY REGISTERED UNDER THE PARTNERSHIP ACT, 1932 HAVING ADDRESS AT PLOT NO. 225, 227 AND 228 VILLAGE BELA BATHRI, TAHASIL HIROLI, DISTRICT: UNA-732141, HIMACHAL PRADESH	
DATE OF REGISTRATION	17/09/2014
TITLE	JUG
PRIORITY NA	



DESIGN NUMBER	266026
CLASS	15-06
1)MASCHINENFABRIK RIETER AG, A SWISS COMPANY OF KLOSTERSTRASSE 20, CH-8406 WINTERTHUR, SWITZERLAND	
DATE OF REGISTRATION	25/09/2014
TITLE	CLEARER ROLLER HOLDER

PRIORITY

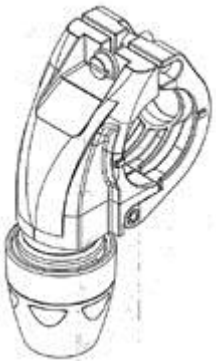
PRIORITY NUMBER	DATE	COUNTRY
201430074595.6	27/03/2014	CHINA



DESIGN NUMBER	269048
CLASS	09-07
1)AMANTA HEALTHCARE LIMITED, A LIMITED COMPANY INCORPORATED UNDER THE COMPANIES ACT-1956, HAVING ITS ADDRESS AT 5TH FLOOR, HERITAGE, NEAR GUJARAT VIDYAPITH, OFF-ASHRAM ROAD, AHMEDABAD-380 014, GUJARAT. INDIA	
DATE OF REGISTRATION	22/01/2015
TITLE	CAP OF BOTTLE
PRIORITY NA	



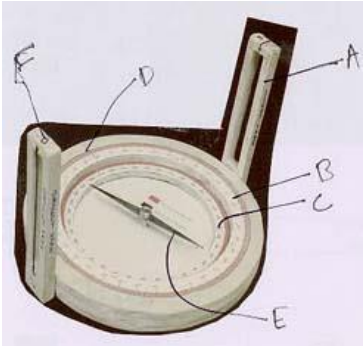
DESIGN NUMBER	265552
CLASS	23-01
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY	
DATE OF REGISTRATION	09/09/2014
TITLE	CONNECTION FOR PIPES, TUBES OR HOSES



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002425116	14/03/2014	OHIM

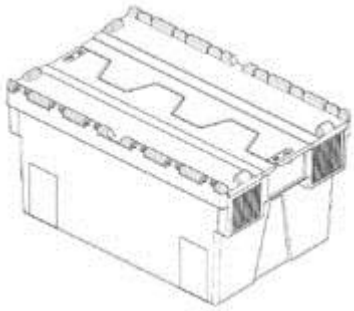
DESIGN NUMBER	265731
CLASS	10-04
1)1. DR. REGULWAR DATTATRAY GANGARAM HAVING ADDRESS: FLAT-1, PLOT NO.6, DISHA KSHITIJ APARTMENT, ULKA NAGARI, AURANGABAD, 431009 M.S. INDIA; 2. DR. GURAV JYOTIBA BHALCHANDRA HAVING ADDRESS 110, SHANKAR TOWNSHIP, BEHIND 132 KV SUBSTATION, GHULEWADI, SANGAMNER, TAL: SANGAMNER, DIST: AHMEDNAGAR 422605, M.S. INDIA, AND 3. MR. SHAIKH ASIF PIRAMAHAMMAD HAVING ADDRESS MAHATMA PHULE CHOWK, MALI WADA, SANGAMNER, TAL: SANGAMNERDIST: AHMEDNAGAR M.S. 422 605, INDIA	
DATE OF REGISTRATION	17/09/2014
TITLE	COMBO COMPASS FOR SURVEYING
PRIORITY NA	



DESIGN NUMBER	267732
CLASS	15-99
1)BHARAT HEAVY ELECTRICALS LIMITED, WITH ONE OF ITS REGIONAL OFFICES AT REGIONAL OPERATIONS DIVISION (ROD), PLOT NO. 9/1, DJ BLOCK, 3RD FLOOR, KARUNAMOYEE, SALT LAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE SIRI FORT, NEW DELHI-110049, INDIA, AN INDIAN COMPANY.	
DATE OF REGISTRATION	26/11/2014
TITLE	SQUEEZE FILM DAMPER BEARING HOUSING
PRIORITY NA	



DESIGN NUMBER	267879
CLASS	09-03
1)LOADHOG LIMITED, THE HOG WORKS, HAWKE STREET, SHEFFIELD, S9 2SU, UNITED KINGDOM; NATIONALITY: UK	
DATE OF REGISTRATION	03/12/2014
TITLE	CONTAINER FOR STORING GOODS



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002476879	04/06/2014	OHIM

DESIGN NUMBER	267072
CLASS	09-01
1)HAJOORI & SONS; AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT HAJOORI & SONS, PLOT NO. 243/244, BHATPORE G.I.D.C., ICHCHAPORE, HAZIRA ROAD, SURAT-394 510, GUJARAT, INDIA	
DATE OF REGISTRATION	29/10/2014
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	267921
CLASS	12-11
1)M/S. REMSON INTERNATIONAL, B-29-536/35-D-1, OF SUA ROAD, INDUSTRIAL AREA 'C' DHANDARI KALAM, LUDHIANA (PUNJAB), INDIA, SOLE PROPRIETARY FIRM WHOSE PROPRIETOR IS SH. VINEET KAPOOR, INDIAN OF ABOVE ADDRESS	
DATE OF REGISTRATION	04/12/2014
TITLE	WHEEL FOR KID CYCLES
PRIORITY NA	



DESIGN NUMBER	266129
CLASS	14-01
1)ROBERT BOSCH GMBH, A GERMAN COMPANY OF POSTFACH 30 0220, 70442 STUTTGART, GERMANY	
DATE OF REGISTRATION	26/09/2014
TITLE	EQUIPMENT FOR REPRODUCTION OF SOUND



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002441584	07/04/2014	OHIM

DESIGN NUMBER	266876
CLASS	09-02
1)GOLDSTAR POLYMERS LTD 703, SAMARPAN COMPLEX, NEW LINK ROAD, CHAKALA, ANDHERI (E), MUMBAI-400099. STATE OF MAHARASHTRA INDIA, /A LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT., ABOVE ADDRESS	
DATE OF REGISTRATION	22/10/2014
TITLE	DRUM

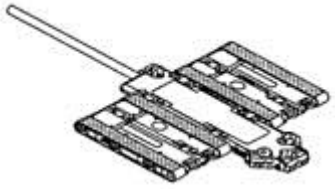
PRIORITY NA



DESIGN NUMBER	269180
CLASS	26-05
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	29/01/2015
TITLE	LED LUMINAIRE
PRIORITY NA	



DESIGN NUMBER	264422
CLASS	15-99
1)ABB TECHNOLOGY AG, AFFOLTERNSTRASSE 44, ZURICH SWITZERLAND CH-8050, NATIONALITY: SWITZERLANDAFFOLTERNSTRASSE 44, ZURICH SWITZERLAND CH-8050, NATIONALITY: SWITZERLAND	
DATE OF REGISTRATION	01/08/2014
TITLE	ROTATING ELECTRICAL MACHINERY MODULAR AIR GAP CRAWLER



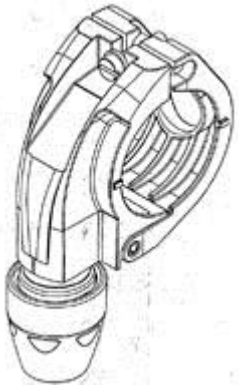
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/481,164	03/02/2014	U.S.A.

DESIGN NUMBER	264587
CLASS	08-07
1)RAMESHBHAI NANJIBHAI CHOVATIYA (ADULT AND INDIAN NATIONAL) SOLE PROPRIETOR OF GOLDEN INDIA (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT- 2, PATELNAGAR, BHOJABHAGAT STREET, RAJKOT-360 002-GUJARAT-(INDIA)	
DATE OF REGISTRATION	08/08/2014
TITLE	TOWER BOLT SET
PRIORITY NA	



DESIGN NUMBER	265553
CLASS	23-01
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY	
DATE OF REGISTRATION	09/09/2014
TITLE	CONNECTION FOR PIPES, TUBES OR HOSES



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002425116	14/03/2014	OHIM

DESIGN NUMBER	265739
CLASS	12-08
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 600 006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	18/09/2014
TITLE	THREE WHEELED CARGO VEHICLE
PRIORITY NA	



DESIGN NUMBER	265585
CLASS	09-03
1)GODFREY PHILLIPS INDIA LIMITED, AN INDIAN COMPANY OF GODFREY PHILLIPS HOUSE, 49, COMMUNITY CENTRE, FRIENDS COLONY, NEW DELHI 100025, INDIA	
DATE OF REGISTRATION	10/09/2014
TITLE	CONTAINER
PRIORITY NA	



DESIGN NUMBER	268237
CLASS	26-05
1)FORTUNE ART LED LIGHTING PVT. LTD, A PRIVATE LIMITED COMPANY, 58-67, SURVEY NO: 509/1/2, APPAREL EXPORT PARK, GUNDLAPOCHAMPALLI, KOMPALLY, HYDERABAD-500014, TELANGANA, INDIA	
DATE OF REGISTRATION	16/12/2014
TITLE	LINEAR LIGHT FIXTURE
PRIORITY NA	



DESIGN NUMBER	267909
CLASS	09-03
1)PRASHANT NISHIKANT JOSHI OF 1701, WILGTON HIRANANDANI ESTATE, GHODBUNDER ROAD, THANE (WEST), MAHARASHTRA, INDIA, INDIAN NATIONAL	
DATE OF REGISTRATION	04/12/2014
TITLE	CONTAINER WITH LID
PRIORITY NA	



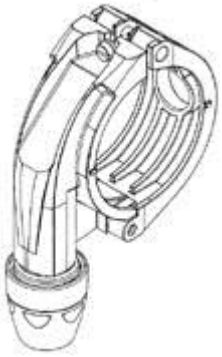
DESIGN NUMBER	269179
CLASS	26-05
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	29/01/2015
TITLE	LED LUMINAIRE
PRIORITY NA	



DESIGN NUMBER	265558
CLASS	23-01
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY	
DATE OF REGISTRATION	09/09/2014
TITLE	CONNECTION FOR PIPES, TUBES OR HOSES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002425116	14/03/2014	OHIM



DESIGN NUMBER	267320
CLASS	08-06
1)SANVI ENTERPRISE, AN INDIAN ENTITY HAVING ITS PRINCIPAL PLACE OF BUSINESS AT NATIONAL HIGHWAY 8-B, OPPOSITE PARIN FURNITURE, KOTHARIYA SOLVENT AREA, NEAR DHOKIYA MOTORS, KOTHARIYA, DIST: RAJKOT-360004, GUJARAT, INDIA	
DATE OF REGISTRATION	11/11/2014
TITLE	CABINET HANDLE
PRIORITY NA	



DESIGN NUMBER	266673
CLASS	06-01
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD 380007 GUJARAT, HAVING NATIONALITY AS INDIAN	
DATE OF REGISTRATION	10/10/2014
TITLE	OFFICE CHAIR
PRIORITY NA	



DESIGN NUMBER	269177
CLASS	15-03
1)VSM INTERNATIONAL PVT. LTD., 65, RED SQUARE MARKET, HISAR-125001, HARYANA, INDIA (AN INDIAN COMPANY DULY REGISTERED UNDER THE COMPANIES ACT, 1956)	
DATE OF REGISTRATION	29/01/2015
TITLE	CRANK CASE
PRIORITY NA	



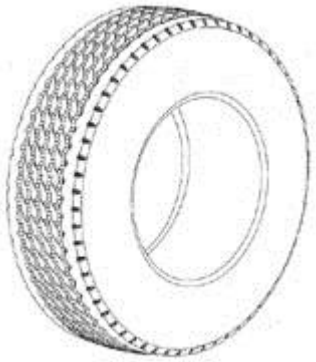
DESIGN NUMBER	265767
CLASS	08-06
1)DIPAKBHAI BHIKHABHAI KHUNT (ADULT INDIAN NATIONAL) SOLE PROPRIETOR OF OM SAI MANUFACTURE (INDIAN PROPRIETORSHIP CONCERN) HAVING PLACE OF BUSINESS AT-6/A, PARSANA SOCIETY, 50, FEET ROAD, SHREENATHJI PAN, RAJKOT-360 002-GUJARAT-(INDIA)	
DATE OF REGISTRATION	19/09/2014
TITLE	HANDLE
PRIORITY NA	



DESIGN NUMBER	266885
CLASS	07-02
MR. GHISHULAL RATHOD, MR. PRADEEP RATHOD, MR. PANKAJ RATHOD, MR. PANNALAL SHARMA, MR. JAYANTILAL JAIN, MR. GAURAV RATHOD, MRS. SANGEETA RATHOD, MRS. BABITA RATHOD AND MRS. PAMPUBEN RATHOD, ALL INDIAN NATONALS TRADING UNDER THE NAME AND STYLE OF M/S.CELLO INDUSTRIES, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT 5 CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	22/10/2014
TITLE	CASSEROLE
PRIORITY NA	



DESIGN NUMBER	266039
CLASS	12-15
1)APOLLO TYRES LIMITED, A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 7 INSTITUTIONAL AREA, SECTOR 32, GURGAON 122001, INDIA	
DATE OF REGISTRATION	25/09/2014
TITLE	TYRE TREAD
PRIORITY NA	



DESIGN NUMBER	269187
CLASS	28-02
1)NISHAD M.S., THANDANKANDIYIL HOUSE, J. T. ROAD, VADAKARA, KOZHIKODE DISTRICT, KERALA PIN 673101	
DATE OF REGISTRATION	29/01/2015
TITLE	SOAP FOR HAND WASH
PRIORITY NA	



DESIGN NUMBER	264273
CLASS	09-03
1)MAX TECHNOLOGY & CO IS A PROPRIETORSHIP FIRM OF AHMED MANSION, 366, LAMINGTON ROAD, 1ST FLOOR, GRAND ROAD (E), MUMBAI-400007, INDIA	
DATE OF REGISTRATION	28/07/2014
TITLE	SOLDERING DESOLDERING FLUX BOX
PRIORITY NA	



DESIGN NUMBER	265131
CLASS	15-99
1)MR. VISHAL DAMODHAR HARODE, INDIAN NATIONAL, CARRYING ON BUSINESS AS A PROPRIETOR UNDER THE NAME AND STYLE OF M/S INTERFACE SOLUTIONS HAVING ITS PRINCIPAL PLACE OF BUSINESS ADDRESS AT PLOT NO. 38, BARADWARI INDUSTRIAL AREA, NEAR CENTRAL INDIA PUBLIC SCHOOL, KAPSI (BJ), BHANDARA ROAD, NAGPUR-440 035 (MAHARASHTRA)	
DATE OF REGISTRATION	26/08/2014
TITLE	FILLING & PACKAGING MACHINE
PRIORITY NA	



DESIGN NUMBER	260280
CLASS	09-01
1)DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110 105, INDIA, AN INDIAN ORGANISATION.	
DATE OF REGISTRATION	11/02/2014
TITLE	WATER BOTTLE JACKET
PRIORITY NA	



DESIGN NUMBER	266877
CLASS	09-02
1)GOLDSTAR POLYMERS LTD 703, SAMARPAN COMPLEX, NEW LINK ROAD, CHAKALA, ANDHERI (E), MUMBAI-400 099. STATE OF MAHARASHTRA INDIA, /A LIMITED COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT., ABOVE ADDRESS	
DATE OF REGISTRATION	22/10/2014
TITLE	DRUM
PRIORITY NA	



DESIGN NUMBER	266130
CLASS	14-01
1)ROBERT BOSCH GMBH, A GERMAN COMPANY OF POSTFACH 30 02 20, 70442 STUTTGART, GERMANY	
DATE OF REGISTRATION	26/09/2014
TITLE	EQUIPMENT FOR REPRODUCTION OF SOUND

PRIORITY

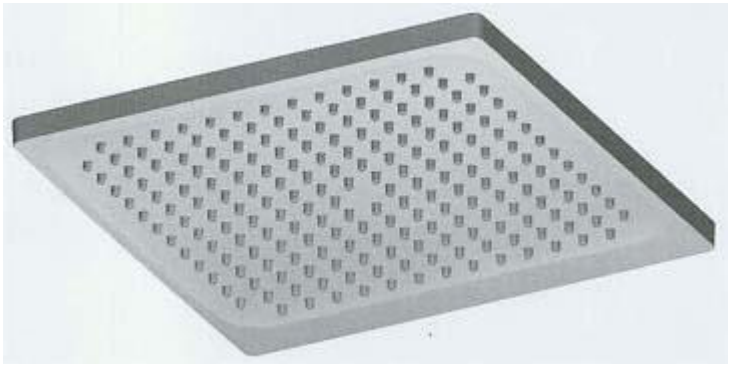
PRIORITY NUMBER	DATE	COUNTRY
002441584	07/04/2014	OHIM



DESIGN NUMBER	269183
CLASS	23-02
1)HANSGROHE SE, OF AUESTR. 5-9, D-77761 SCHILTACH, GERMANY, A GERMAN COMPANY	
DATE OF REGISTRATION	29/01/2015
TITLE	HEAD SHOWER

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002516658-0001	07/08/2014	OHIM



DESIGN NUMBER	264697
CLASS	09-03
1)SRI CHAKRA LUBES PRIVATE LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT 153/5, MANAPET RD, KANNIAKOIL, PUDUCHERRY 607 402.	
DATE OF REGISTRATION	12/08/2014
TITLE	CONTAINER

PRIORITY NA

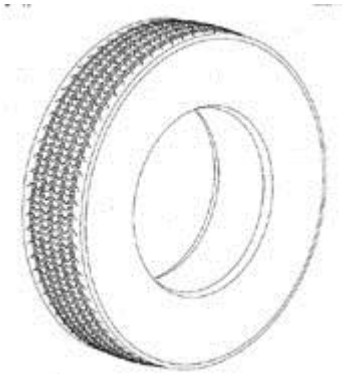


DESIGN NUMBER	268248
CLASS	09-03
1)KEVAL GOSAR INDIAN NATIONALS, PROPRIETOR FIRM AT 13/A, SAPTARSHI BUILDING, DAFTARY ROAD, ABOVE MILAN HOTEL, MALAD (EAST), MUMBAI-400097 (INDIA) OF ABOVE ADDRESS	
DATE OF REGISTRATION	17/12/2014
TITLE	JAR

PRIORITY NA



DESIGN NUMBER	266037
CLASS	12-15
1)APOLLO TYRES LIMITED, A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 7 INSTITUTIONAL AREA, SECTOR 32, GURGAON 122001, INDIA	
DATE OF REGISTRATION	25/09/2014
TITLE	TYRE TREAD
PRIORITY NA	



DESIGN NUMBER	261537
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	04/04/2014
TITLE	LIGHT GUIDE OF HEADLAMP
PRIORITY NA	



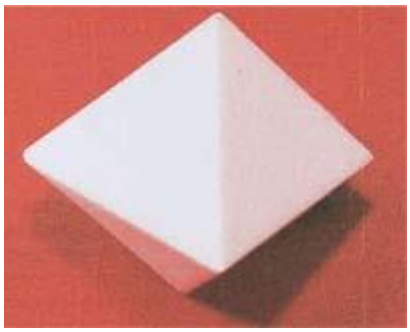
DESIGN NUMBER	269184
CLASS	14-03
1)LG ELECTRONICS INC. 128, YEOUI-DAERO, YEONGDEUNGPO - GU, SEOUL 150 - 721, REPUBLIC OF KOREA A CORPORATION INCORPORATED UNDER THE LAWS OF THE REPUBLIC OF KOREA	
DATE OF REGISTRATION	29/01/2015
TITLE	MOBILE PHONE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0037523	30/07/2014	REPUBLIC OF KOREA



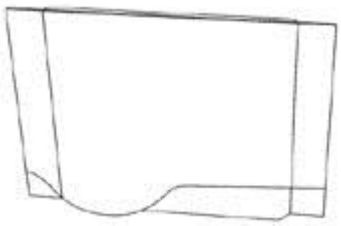
DESIGN NUMBER	264340
CLASS	21-01
1)MAHESH NARAYAN YANDE, AN INDIAN NATIONAL, S. NO. 119/3, FLAT NO. B-13, 4TH FLOOR, PRADYANGAD APT., PARVATI, NEAR NAVSHYA MARUTI MANDIR, SINHGAD ROAD, PUNE-411009, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	30/07/2014
TITLE	GAME BLOCK
PRIORITY NA	



DESIGN NUMBER	264710
CLASS	09-03
1)WM. WRIGLEY JR. COMPANY, AN AMERICAN COMPANY OF 1132 W. BLACKHAWK STREET, CHICAGO, ILLINOIS 60642, U.S.A.	
DATE OF REGISTRATION	12/08/2014
TITLE	CONSUMABLE PRODUCT PACKAGE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/482,042	13/02/2014	U.S.A.



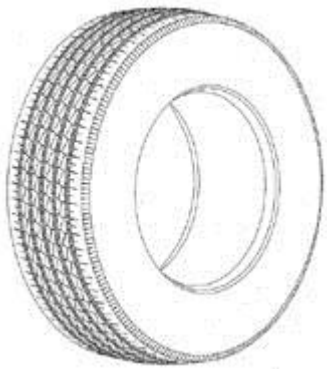
DESIGN NUMBER	268249
CLASS	09-03
1)KEVAL GOSAR INDIAN NATIONALS, PROPRIETOR FIRM AT 13/A, SAPTARSHI BUILDING, DAFTARY ROAD, ABOVE MILAN HOTEL, MALAD (EAST), MUMBAI-400097 (INDIA) OF ABOVE ADDRESS	
DATE OF REGISTRATION	17/12/2014
TITLE	JAR
PRIORITY NA	



DESIGN NUMBER	266884
CLASS	07-02
1)MR. GHISULAL RATHOD, MR. PRADEEP RATHOD, MR. PANKAJ RATHOD, MR. PANNALAL SHARMA, MR. JAYANTILAL JAIN, MR. GAURAV RATHOD, MRS. SANGEETA RATHOD, MRS. BABITA RATHOD AND MRS. PAMPUBEN RATHOD, ALL INDIAN NATIONAL TRADING UNDER THE NAME AND STYLE OF M/S. CELLO INDUSTRIES, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT CORPORATE AVENUE, 'B' WING CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400 063	
DATE OF REGISTRATION	22/10/2014
TITLE	CASSEROLE
PRIORITY NA	



DESIGN NUMBER	266038
CLASS	12-15
1)APOLLO TYRES LIMITED, A COMPANY ORGANIZED UNDER THE LAWS OF INDIA, OF 7 INSTITUTIONAL AREA, SECTOR 32, GURGAON 122001, INDIA	
DATE OF REGISTRATION	25/09/2014
TITLE	TYRE TREAD
PRIORITY NA	



DESIGN NUMBER	261917
CLASS	14-02
1)AMAZON TECHNOLOGIES, INC, A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES, HAVING ITS OFFICE AT PO BOX 8102, RENO, NEVADA 89507, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	22/04/2014
TITLE	MEDIA EXTENDER FOR CONNECTING DEVICES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/471,089	28/10/2013	U.S.A.



DESIGN NUMBER	269186
CLASS	28-02

1)NISHAD M.S.,
THANDANKANDIYIL HOUSE, J. T. ROAD, VADAKARA, KOZHIKODE DISTRICT, KERALA PIN 673101

DATE OF REGISTRATION	29/01/2015
TITLE	SOAP FOR HAND WASH

PRIORITY NA



DESIGN NUMBER	265549
CLASS	15-03

1)KIRLOSKAR OIL ENGINES LIMITED, AN INDIAN COMPANY OF
13, LAXMANRAO KIRLOSKAR ROAD, KHADKI, PUNE-411003, MAHARASHTRA, INDIA

DATE OF REGISTRATION	09/09/2014
TITLE	PULLEY COVER OF A POWER TILLER

PRIORITY NA



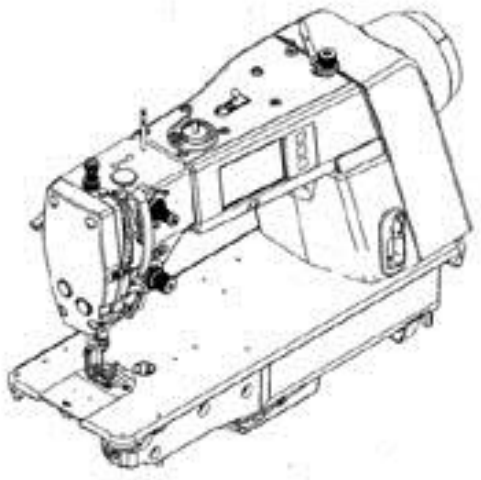
DESIGN NUMBER	266395
CLASS	15-06

1)BROTHER INDUSTRIES, LTD., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN,
15-1 NAESHIRO-CHO, MIZUHO-KU, NAGOYA-SHI, AICHI-KEN, JAPAN

DATE OF REGISTRATION	07/10/2014
TITLE	SEWING MACHINE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-010923	22/05/2014	JAPAN



DESIGN NUMBER	250633
CLASS	12-08
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY	
DATE OF REGISTRATION	03/01/2013
TITLE	DRIVERS CAB OF A UTILITY VEHICLE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
001335236	04/07/2012	OHIM

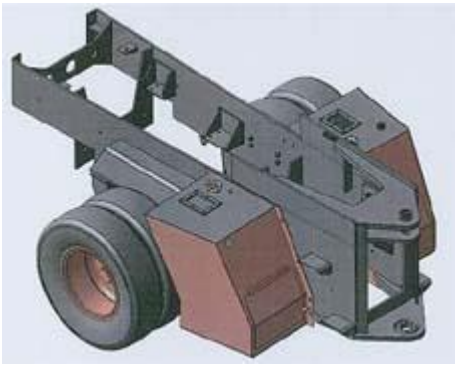
DESIGN NUMBER	266024
CLASS	15-07
1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT 1913, APPLIANCE DIVISION, PLANT 11, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA.	
DATE OF REGISTRATION	25/09/2014
TITLE	REFRIGERATOR
PRIORITY NA	



DESIGN NUMBER	269045
CLASS	23-04
1)KHAITAN (INDIA) LIMITED, AN INDIAN COMPANY OF 46C, JAWAHAR LAL NEHRU ROAD, KOLKATA 700 071, WEST BENGAL, INDIA.	
DATE OF REGISTRATION	22/01/2015
TITLE	CEILING FAN
PRIORITY NA	



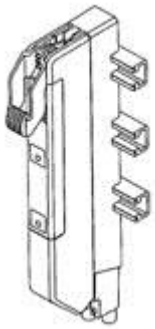
DESIGN NUMBER	263437
CLASS	12-16
1)R. N. GUPTA & COMPANY LIMITED, (AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956), HAVING ITS OFFICE AT UNIT-II, GT ROAD, TEHSIL PAYAL, DORAHA-141421	
DATE OF REGISTRATION	17/06/2014
TITLE	FUEL TANK ASSEMBLY OF CRANE
PRIORITY NA	



DESIGN NUMBER	264059
CLASS	13-03
1)ABB TECHNOLOGY LTD, A SWISS COMPANY OF AFFOLTERNSTRASSE 44, 8050 ZURICH, SWITZERLAND	
DATE OF REGISTRATION	16/07/2014
TITLE	FUSE SWITCH DISCONNECTOR WITH BUSBAR SYSTEM

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002386508-0001	17/01/2014	OHIM



DESIGN NUMBER	264813
CLASS	14-99
1)INVENTIO AG, A SWISS COMPANY OF POSTFACH, 6052 HERGISWIL, SWITZERLAND	
DATE OF REGISTRATION	18/08/2014
TITLE	OPERATING PANEL

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
140651	01/04/2014	SWITZERLAND



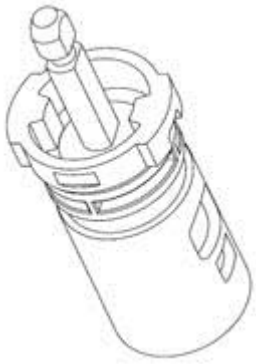
DESIGN NUMBER	266282
CLASS	06-03
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD-380007, GUJARAT, HAVING NATIONALITY AS INDIAN	
DATE OF REGISTRATION	30/09/2014
TITLE	CHAIR
PRIORITY NA	



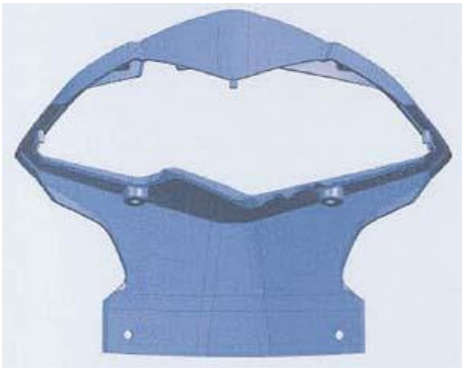
DESIGN NUMBER	265790
CLASS	23-01
1)MOEN INCORPORATED, A DELAWARE CORPORATION HAVING A PLACE OF BUSINESS AT 25300 AL MOEN DRIVE, NORTH OLMSTEAD, OHIO 44070, U.S.A.	
DATE OF REGISTRATION	16/09/2014
TITLE	FAUCET CARTRIDGE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/485,166	17/03/2014	U.S.A.



DESIGN NUMBER	267249
CLASS	12-16
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	07/11/2014
TITLE	SPEEDOMETER COVER FOR MOTORCYCLE
PRIORITY NA	



DESIGN NUMBER	266887
CLASS	09-09

1)MR. GHISULAL RATHOD, MR. PRADEEP RATHOD, MR. PANKAJ RATHOD, MR. PANNALAL SHARMA, MR. JAYANTILAL JAIN, MRS SANGEETA RATHOD AND MRS. BABITA RATHOD ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S.CELLO PLASTOTECH, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT
5 CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063, MAHARASHTRA, INDIA

DATE OF REGISTRATION	22/10/2014
TITLE	DUSTBIN

PRIORITY NA



DESIGN NUMBER	264839
CLASS	09-02

1)MR. ASHOK AGRAWAL & MR. RAJESH WANI INDIAN NATIONAL, CARRYING ON BUSINESS UNDER THE NAME AND STYLE OF M/S. OM SHANTI ENERGY PVT. LTD. (A COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956) HAVING ITS PRINCIPAL PLACE OF BUSINESS ADDRESS AT
GAT NO. 208, UNIT NO. 2 & 3, VILLAGE ARNI, DIST-DHULE, MAHARASHTRA, INDIA

DATE OF REGISTRATION	19/08/2014
TITLE	WATER STORAGE TANK

PRIORITY NA



DESIGN NUMBER	265792
CLASS	12-16

1)CBM S.P.A., AN ITALIAN COMPANY,
VIA L. GAZZOTTI, 284, 41122 MODENA (MO) ITALY

DATE OF REGISTRATION	16/09/2014
TITLE	LOWER COUPLING HOOK FOR AGRICULTURAL VEHICLES

PRIORITY

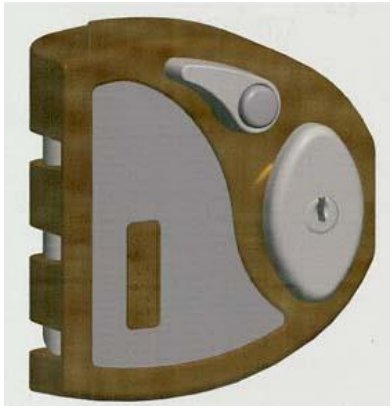
PRIORITY NUMBER	DATE	COUNTRY
002431973-0002	25/03/2014	OHIM



DESIGN NUMBER	268998
CLASS	07-02
1)MR. GHISULAL RATHOD, MR. PRADEEP RATHOD, MR. PANKAJ RATHOD, MR. PANNALAL SHARMA, MR. JAYANTILAL JAIN, MR. GAURAV RATHOD, MRS. SANGEETA RATHOD, MRS. BABITA RATHOD AND MRS. PAMPUBEN RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO INDUSTRIES, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400063	
DATE OF REGISTRATION	21/01/2015
TITLE	TIFFIN BOX
PRIORITY NA	



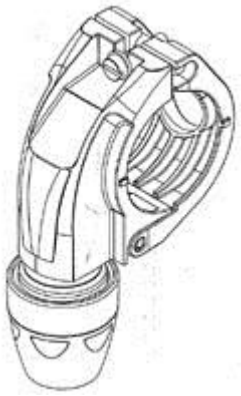
DESIGN NUMBER	269204
CLASS	08-07
1)WELMADE LOCKING SYSTEMS PVT. LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT J-61, M.I.D.C., BHOSARI, PUNE-411026, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	30/01/2015
TITLE	LOCK
PRIORITY NA	



DESIGN NUMBER	265554
CLASS	23-01
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY	
DATE OF REGISTRATION	09/09/2014
TITLE	CONNECTION FOR PIPES, TUBES OR HOSES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002425116	14/03/2014	OHIM



DESIGN NUMBER	265742
CLASS	29-02
1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION, MINISTRY OF DEFENCE, GOVT. OF INDIA, ROOM NO. 348, B-WING, DRDO BHAWAN, RAJAJI MARG, NEW DELHI-110 011 INDIA; NATIONALITY: INDIAN	
DATE OF REGISTRATION	18/09/2014
TITLE	CASUALTY EVACUATING BAG
PRIORITY NA	



DESIGN NUMBER	267459
CLASS	13-02
1)SMARTEN POWER SYSTEMS PVT. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1956, HAVING ITS ADDRESS AT SECTOR-10, NEAR NATHU SWEETS, VILLAGE KADIPUR, GURGAON, HARYANA, INDIA	
DATE OF REGISTRATION	17/11/2014
TITLE	FRONT PANEL OF INVERTER
PRIORITY NA	



DESIGN NUMBER	248840
CLASS	09-07
1)SUNILBHAI TRIKAMLAL PANCHAL, HAVING NATIONALITY INDIAN, SOLE PROPRIETOR OF SHREEJI INDUSTRIES, 23, MADHURAM COMPLEX, SUBHASHBRIDGE, AHMEDABAD-380 027, GUJARAT, INDIA, AN INDIAN SOLE PROPRIETARY CONCERN	
DATE OF REGISTRATION	16/10/2012
TITLE	SEAL
PRIORITY NA	



DESIGN NUMBER	265806
CLASS	09-07
1)RAJENDRA SOMANI, AN INDIAN NATIONAL OF SHREENIKETAN, 6TH FLOOR, 86A, NETAJI SUBHASH ROAD, MARINE DRIVE, MUMBAI 400002, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	17/09/2014
TITLE	BOTTLE CAP
PRIORITY NA	



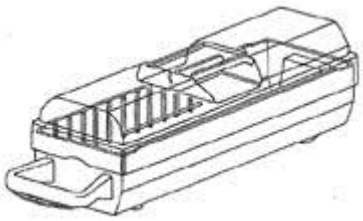
DESIGN NUMBER	266066
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956) HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B. S. DEVSHI MARG, GOVANDI (EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	26/09/2014
TITLE	LADIES SUIT (SET)
PRIORITY NA	



DESIGN NUMBER	269012
CLASS	12-11
1)THAIKATTIL JOSE, THAIKATTIL HOUSE, OLLUKARA P.O., THRISSUR, KERALA STATE, 680655, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	21/01/2015
TITLE	LUGGAGE CARRIER FOR A TWO WHEELED VEHICLE
PRIORITY NA	



DESIGN NUMBER	265400
CLASS	24-01
1)AMERICAN STERILIZER COMPANY A PENNSYLVANIA CORPORATION OF THE ADDRESS: 5960 HEISLEY ROAD MENTOR, OHIO 44060, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	04/09/2014
TITLE	CASSETTE FOR HOLDING MEDICAL INSTRUMENTS FOR STERILIZATION IN A STEAM STERILIZER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/484,148	06/03/2014	U.S.A.

DESIGN NUMBER	267978
CLASS	06-01
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	08/12/2014
TITLE	CHAIR



PRIORITY NA

DESIGN NUMBER	265990
CLASS	06-01
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD-380007, GUJARAT, HAVING NATIONALITY AS INDIAN	
DATE OF REGISTRATION	24/09/2014
TITLE	STOOL



PRIORITY NA

DESIGN NUMBER	266067
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956) HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B. S. DEVSHI MARG, GOVANDI (EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	26/09/2014
TITLE	LADIES GARMENT
PRIORITY NA	



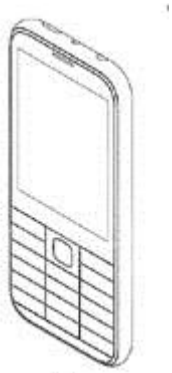
DESIGN NUMBER	266810
CLASS	12-16
1)TVS MOTOR COMPANY LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING ITS REGISTERED OFFICE AT "JAYALAKSHMI ESTATES" • , 29 (OLD NO. 8) HADDOWS ROAD, CHENNAI 600006, TAMIL NADU, INDIA	
DATE OF REGISTRATION	20/10/2014
TITLE	FRONT FENDER FOR MOTORCYCLE
PRIORITY NA	



DESIGN NUMBER	269013
CLASS	12-11
1)THAIKATTIL JOSE, THAIKATTIL HOUSE, OLLUKARA P.O., THRISSUR, KERALA STATE, 680655, INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	21/01/2015
TITLE	LUGGAGE CARRIER FOR A TWO WHEELED VEHICLE
PRIORITY NA	



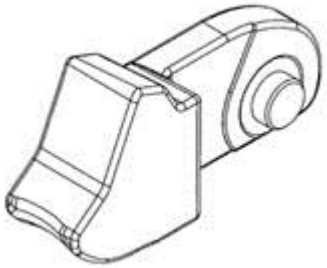
DESIGN NUMBER	264880
CLASS	14-03
1)MICROSOFT MOBILE OY, A CORPORATION ORGANIZED UNDER THE LAWS OF FINLAND OF THE ADDRESS KEILARANTA 7, 02150 ESPOO, FINLAND	
DATE OF REGISTRATION	19/08/2014
TITLE	MOBILE PHONE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/482493	19/02/2014	U.S.A.

DESIGN NUMBER	265793
CLASS	12-16
1)CBM S.P.A., AN ITALIAN COMPANY, VIA L. GAZZOTTI, 284, 41122 MODENA (MO) ITALY	
DATE OF REGISTRATION	16/09/2014
TITLE	SHUTTER FOR COUPLING HOOK OF AGRICULTURAL VEHICLES



PRIORITY

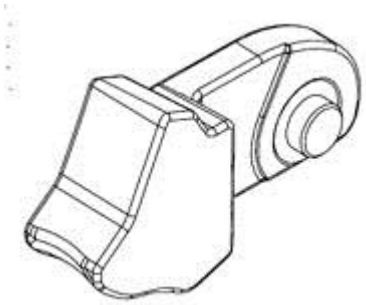
PRIORITY NUMBER	DATE	COUNTRY
002431973-0003	25/03/2014	OHIM

DESIGN NUMBER	268999
CLASS	07-02
1)MR. GHISULAL RATHOD, MR. PRADEEP RATHOD, MR. PANKAJ RATHOD, MR. PANNALAL SHARMA, MR. JAYANTILAL JAIN, MR. GAURAV RATHOD, MRS. SANGEETA RATHOD, MRS. BABITA RATHOD AND MRS. PAMPUBEN RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO INDUSTRIES, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400 063	
DATE OF REGISTRATION	21/01/2015
TITLE	TIFFIN BOX
PRIORITY NA	



DESIGN NUMBER	265794
CLASS	12-16
1)CBM S.P.A., AN ITALIAN COMPANY, VIA L. GAZZOTTI, 284, 41122 MODENA (MO) ITALY	
DATE OF REGISTRATION	16/09/2014
TITLE	SHUTTER FOR COUPLING HOOK OF AGRICULTURAL VEHICLES
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
002431973-0004	25/03/2014	OHIM



DESIGN NUMBER	268172
CLASS	09-01
1)ALLANASONS LIMITED, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956, HAVING REGISTERED OFFICE AT ALLANA HOUSE, 4, ALLANA ROAD, COLABA, MUMBAI-400001, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	12/12/2014
TITLE	CARBOY
PRIORITY NA	



DESIGN NUMBER	266063
CLASS	09-07
1)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110015, INDIA	
DATE OF REGISTRATION	26/09/2014
TITLE	CAP FOR JAR
PRIORITY NA	



DESIGN NUMBER	269000
CLASS	09-01

1)MR. GHISULAL RATHOD, MR. PRADEEP RATHOD, MR. PANKAJ RATHOD, MR. PANNALAL SHARMA, MR. JAYANTILAL JAIN, MR. GAURAV RATHOD, MRS. SANGEETA RATHOD, MRS. BABITA RATHOD AND MRS. PAMPUBEN RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO INDUSTRIES, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT
CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400 063

DATE OF REGISTRATION	21/01/2015
TITLE	FLASK

PRIORITY NA



DESIGN NUMBER	265268
CLASS	12-05

1)HAULOTTE GROUP, OF
LA PÉRONNIÈRE, 42152 L'HORME, FRANCE, A FRENCH "SOCIÉTÉ ANONYME". •

DATE OF REGISTRATION	28/08/2014
TITLE	BOOM LIFT

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
20141059	28/02/2014	FRANCE



DESIGN NUMBER	264979
CLASS	23-02

1)AS IP HOLDCO, LLC, AN AMERICAN COMPANY, OF THE ADDRESS:
ONE CENTENNIAL AVENUE PISCATAWAY, NEW JERSEY 08854, UNITED STATES OF AMERICA

DATE OF REGISTRATION	22/08/2014
TITLE	COLLECTOR FOR USE WITH A LATRINE PAN IN OFFSET PIT LATRINES

PRIORITY NA



DESIGN NUMBER	265676
CLASS	24-02
1)TZU-LI HSU, A CITIZEN OF U.S.A. OF 90 COPPERMINE RD., PRINCETON N.J. 08540 U.S.A.	
DATE OF REGISTRATION	15/09/2014
TITLE	TONGUE ANTERIORIZING DEVICE



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201430066383.3	27/03/2014	CHINA

DESIGN NUMBER	267987
CLASS	07-02
1)SHAILESH AMRITLAL VAKHARIA AN INDIAN PROPRIETOR FIRM AT MITESH METAL INDUSTRIES, B-5, OM SAI ESTATE, GODDEV FATHAK ROAD, OPP: OLD SYNDICATE BANK LANE, BHAYANDER (E), DIST. THANE-401105, MAHARASHTRA (INDIA) OF ABOVE ADDRESS	
DATE OF REGISTRATION	08/12/2014
TITLE	TIFFIN SET
PRIORITY NA	



DESIGN NUMBER	267430
CLASS	05-06
1)HAJOORI & SONS; AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT HAJOORI & SONS, PLOT NO. 243/244, BHATPORE G.I.D.C., ICHCHAPORE, HAZIRA ROAD, SURAT-394 510, GUJARAT, INDIA	
DATE OF REGISTRATION	17/11/2014
TITLE	ADHESIVE SHEET
PRIORITY NA	



DESIGN NUMBER	266069
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956) HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B. S. DEVSHI MARG, GOVANDI (EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	26/09/2014
TITLE	LADIES GARMENT
PRIORITY NA	



DESIGN NUMBER	258746
CLASS	06-01
1)ETIHAD AIRWAYS, A PRIVATE JOINT STOCK COMPANY ORGANIZED UNDER THE LAWS OF THE UAE, PO BOX 35566, NEW AIRPORT ROAD, ABU DHABI, UNITED ARAB EMIRATES	
DATE OF REGISTRATION	16/12/2013
TITLE	SEATS FOR VEHICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002283168-0002	29/07/2013	EUROPEAN UNION



DESIGN NUMBER	269016
CLASS	09-01
1)PARSHOTAMBHAI MOHANBHAI RATHOD, INDIAN NATIONAL HAVING PRINCIPAL PLACE OF BUSINESS AT BHUMI INDUSTRIAL AREA, SURVEY NO. 253, PLOT NO. 2/20, B/H. SARVODAYA, NEAR STREET OF WELDOR ENGG., N. H. 8-B, VERAVAL (SHAPER), TA. KOTDA SANGANI, DIST. RAJKOT, GUJARAT, INDIA	
DATE OF REGISTRATION	21/01/2015
TITLE	BOTTLE
PRIORITY NA	



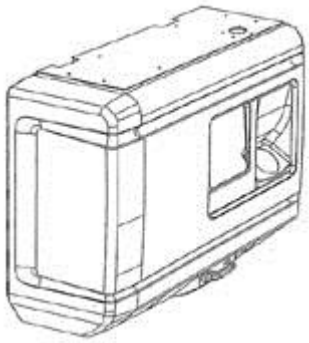
DESIGN NUMBER	268440
CLASS	11-02
1)KISHORBHAI V. PIPALIYA AN INDIAN NATIONAL SOLE PROPRIETOR OF LOTUS HARDWARE AN INDIAN PROPRIETORSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT ADDRESS: RAMNAGAR-2, BEHIND K. RASIKLAL, 80 FEET ROAD, RAJKOT, GUJARAT-INDIA	
DATE OF REGISTRATION	26/12/2014
TITLE	SHOWPIECE
PRIORITY NA	



DESIGN NUMBER	265267
CLASS	12-05
1)HAULOTTE GROUP, OF LA PÉRONNIÈRE, 42152 L'HORME, FRANCE, A FRENCH "SOCIÉTÉ ANONYME". •	
DATE OF REGISTRATION	28/08/2014
TITLE	COVER FOR MOBILE ELEVATING WORK PLATFORM

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
20141059	28/02/2014	FRANCE



DESIGN NUMBER	266415
CLASS	06-02
1)GODREJ & BOYCE MFG. CO. LTD., AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1913, OF INTERIO DIVISION, PLANT 4, PIROJSHANAGAR, VIKHROLI (WEST), MUMBAI-400079, INDIA	
DATE OF REGISTRATION	07/10/2014
TITLE	BED
PRIORITY NA	



DESIGN NUMBER	267980
CLASS	06-01
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	08/12/2014
TITLE	CHAIR
PRIORITY NA	



DESIGN NUMBER	267429
CLASS	23-01
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	17/11/2014
TITLE	COUPLER FITTINGS FOR FLUID DISTRIBUTION
PRIORITY NA	



DESIGN NUMBER	258745
CLASS	06-01
1)ETIHAD AIRWAYS, A PRIVATE JOINT STOCK COMPANY ORGANIZED UNDER THE LAWS OF THE UAE, PO BOX 35566, NEW AIRPORT ROAD, ABU DHABI, UNITED ARAB EMIRATES	
DATE OF REGISTRATION	16/12/2013
TITLE	SEATS FOR VEHICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002283168-0003	29/07/2013	EUROPEAN UNION



DESIGN NUMBER	266068
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956) HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B. S. DEVSHI MARG, GOVANDI (EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	26/09/2014
TITLE	LADIES GARMENT
PRIORITY NA	



DESIGN NUMBER	269015
CLASS	09-01
1)PARSHOTAMBHAI MOHANBHAI RATHOD, INDIAN NATIONAL HAVING PRINCIPAL PLACE OF BUSINESS AT BHUMI INDUSTRIAL AREA, SURVEY NO. 253, PLOT NO. 2/20, B/H. SARVODAYA, NEAR STREET OF WELDOR ENGG., N. H. 8-B, VERAVAL (SHAPER), TA. KOTDA SANGANI, DIST. RAJKOT, GUJARAT, INDIA	
DATE OF REGISTRATION	21/01/2015
TITLE	BOTTLE
PRIORITY NA	



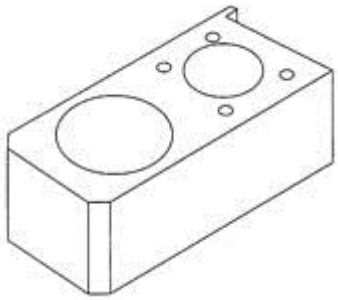
DESIGN NUMBER	266424
CLASS	09-01
1)BHARAT PET LIMITED, H-38, UDYOG NAGAR, OPPOSITE PEERAGARHI, DELHI-110041, INDIA	
DATE OF REGISTRATION	07/10/2014
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	264982
CLASS	23-99
1)KYOSHIN KOGYO CO., LTD, A CORPORATION INCORPORATED UNDER THE LAWS OF JAPAN, HAVING ITS OFFICE AT 20-7, EBIE 7-CHOME, FUKUSHIMA-KU, OSAKA-SHI, OSAKA, JAPAN	
DATE OF REGISTRATION	22/08/2014
TITLE	REFERENCE PLATE FOR HEATEXCHANGER MANUFACTURING APPARATUS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2014-0009373	25/02/2014	REPUBLIC OF KOREA



DESIGN NUMBER	265695
CLASS	24-02
1)DIRECTOR GENERAL, DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110 105, INDIA; NATIONALITY: INDIAN	
DATE OF REGISTRATION	15/09/2014
TITLE	SENSOR HOLDER FOR MEDICAL MONITORING DEVICE
PRIORITY NA	



DESIGN NUMBER	265812
CLASS	24-04
1)3M INNOVATIVE PROPERTIES COMPANY, A COMPANY INCORPORATED IN THE STATE OF DELAWARE OF 3M CENTER, SAINT PAUL, MINNESOTA 55133-3427, U.S.A.	
DATE OF REGISTRATION	17/09/2014
TITLE	DRESSING FOR SECURING ENDOTRACHEAL TUBE
PRIORITY NA	

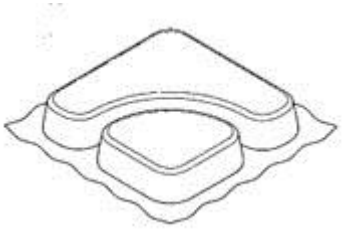


DESIGN NUMBER	267432
CLASS	05-06
1)HAJOORI & SONS; AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT HAJOORI & SONS, PLOT NO. 243/244, BHATPORE G.I.D.C., ICHCHAPORE, HAZIRA ROAD, SURAT-394 510, GUJARAT, INDIA	
DATE OF REGISTRATION	17/11/2014
TITLE	ADHESIVE SHEET
PRIORITY NA	



DESIGN NUMBER	265994
CLASS	28-99
1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF 103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM	
DATE OF REGISTRATION	24/09/2014
TITLE	CAPSULE CONTAINING WASHING PRODUCT
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
001407050-0009	25/03/2014	OHIM



DESIGN NUMBER	266074
CLASS	26-05
1)HAVELLS INDIA LIMITED HAVING REGISTERED OFFICE AT 1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054, AN INDIAN NATIONAL COMPANY	
DATE OF REGISTRATION	26/09/2014
TITLE	DOWN LIGHTER
PRIORITY NA	



DESIGN NUMBER	269019
CLASS	09-01
1)PARSHOTAMBHAI MOHANBHAI RATHOD, INDIAN NATIONAL HAVING PRINCIPAL PLACE OF BUSINESS AT BHUMI INDUSTRIAL AREA, SURVEY NO. 253, PLOT NO. 2/20, B/H. SARVODAYA, NEAR STREET OF WELDOR ENGG., N. H. 8-B, VERAVAL (SHAPER), TA. KOTDA SANGANI, DIST. RAJKOT, GUJARAT, INDIA	
DATE OF REGISTRATION	21/01/2015
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	266940
CLASS	03-01
1)SAMSONITE IP HOLDINGS S.À R.L., A LUXEMBOURG PRIVATE LIMITED LIABILITY COMPANY OF 13-15 AVENUE DE LA LIBERTÉ, L-1931 LUXEMBOURG, LUXEMBOURG	
DATE OF REGISTRATION	28/10/2014
TITLE	LUGGAGE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002454595-0002	28/04/2014	OHIM



DESIGN NUMBER	265481
CLASS	13-01
1)SANJIV KUMAR GUPTA, WHOSE ADDRESS IS B-83, APIE, BALANAGAR, PO-SANATHNAGAR, HYDERABAD-500018, WHERE NATIONALITY IS INDIAN	
DATE OF REGISTRATION	08/09/2014
TITLE	BACK COVER FOR MOTOR
PRIORITY NA	



DESIGN NUMBER	265698
CLASS	24-02
1)DIRECTOR GENERAL, DEFENCE RESEARCH AND DEVELOPMENT ORGANIZATION, MINISTRY OF DEFENCE, GOVERNMENT OF INDIA, ROOM NO. 348, B-WING, DRDO BHAVAN, RAJAJI MARG, NEW DELHI-110 105, INDIA; NATIONALITY: INDIAN	
DATE OF REGISTRATION	15/09/2014
TITLE	SENSOR HOLDER HOUSING FOR MEDICAL MONOTORING DEVICE
PRIORITY NA	



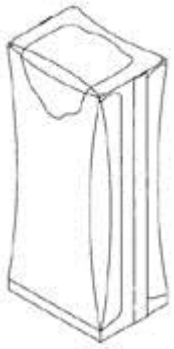
DESIGN NUMBER	267433
CLASS	05-06
1)HAJOORI & SONS; AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT HAJOORI & SONS, PLOT NO. 243/244, BHATPORE G.I.D.C., ICHCHAPORE, HAZIRA ROAD, SURAT-394510, GUJARAT, INDIA	
DATE OF REGISTRATION	17/11/2014
TITLE	ADHESIVE SHEET
PRIORITY NA	



DESIGN NUMBER	267829
CLASS	09-03
1)CLEAR LAM PACKAGING, INC., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF UNITED STATES OF AMERICA, HAVING PLACE OF BUSINESS AT 1950 PRATT BOULEVARD ELK GROVE VILLAGE, ILLINOIS,60007, UNITED STATES OF AMERICA	
DATE OF REGISTRATION	28/11/2014
TITLE	PACKAGE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
29/492,413	30/05/2014	U.S.A.



DESIGN NUMBER	266721
CLASS	09-01
1)UNITED SPIRITS LIMITED, 'UB TOWER', 24, VITTAL MALLYA ROAD, BANGALORE-560001, INDIA, AN INDIAN COMPANY	
DATE OF REGISTRATION	15/10/2014
TITLE	BOTTLE
PRIORITY NA	



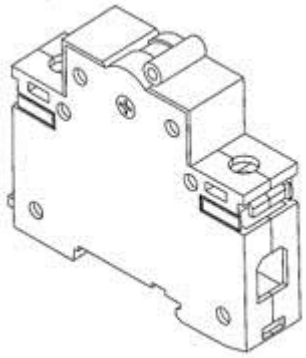
DESIGN NUMBER	269027
CLASS	07-02
1)M/S. SHAH ASHULAL & SONS (H.U.F) PROPRIETOR OF RAJ GURU STEEL HOUSE, HAVING ADDRESS AT NO. 37, RAGHUNAYAKULU STREET, PARK TOWN, CHENNAI-600003, TAMIL NADU, INDIA.	
DATE OF REGISTRATION	21/01/2015
TITLE	CONTAINER
PRIORITY NA	



DESIGN NUMBER	265384
CLASS	13-03
1)PANASONIC CORPORATION, A JAPANESE COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571-8501, JAPAN	
DATE OF REGISTRATION	03/09/2014
TITLE	ISOLATOR SWITCH

PRIORITY

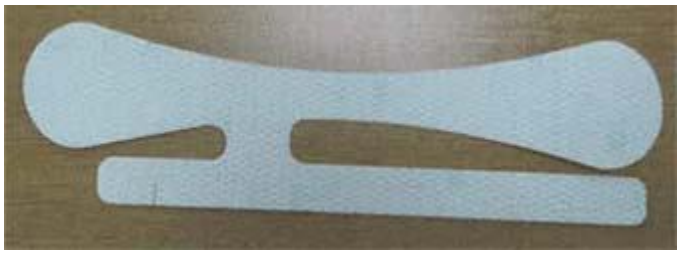
PRIORITY NUMBER	DATE	COUNTRY
2014-005262	13/03/2014	JAPAN



DESIGN NUMBER	265702
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B.S. DEVSHI MARG, GOVANDI(EAST), MUMBAI-400088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/09/2014
TITLE	LADIES SUIT (SET)
PRIORITY NA	



DESIGN NUMBER	265814
CLASS	24-04
1)3M INNOVATIVE PROPERTIES COMPANY, A COMPANY INCORPORATED IN THE STATE OF DELAWARE OF 3M CENTER, SAINT PAUL, MINNESOTA 55133-3427, U.S.A.,	
DATE OF REGISTRATION	17/09/2014
TITLE	DRESSING FOR SECURING ENDOTRACHEAL TUBE
PRIORITY NA	



DESIGN NUMBER	265996
CLASS	24-02
1)KARL STORZ GMBH & CO. KG, A GERMAN COMPANY OF MITTELSTRASSE 8, D-78532 TUTTLINGEN, GERMANY	
DATE OF REGISTRATION	24/09/2014
TITLE	SEALING DEVICE FOR SEALING PASSAGE FOR A MEDICAL INSTRUMENT

PRIORITY

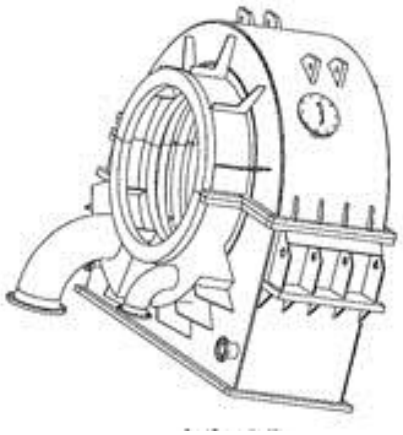
PRIORITY NUMBER	DATE	COUNTRY
002434944-0002	28/03/2014	OHIM



DESIGN NUMBER	268449
CLASS	07-02
1)RAJIV AGARWAL, AUTOPRESS INDIA PVT. LTD., GATE NO. 322 (NEW), PIRANGUT, MULSHI, DIST. PUNE-412111, M.S. INDIA, AN INDIAN NATIONAL	
DATE OF REGISTRATION	29/12/2014
TITLE	KNOB FOR UTENSILS
PRIORITY NA	



DESIGN NUMBER	269028
CLASS	15-01
1)TRIVENI TURBINE LIMITED, AN INDIAN COMPANY HAVING ITS PLACE OF BUSINESS AT 12A, PEENYA INDUSTRIAL AREA, BANGLORE-560058	
DATE OF REGISTRATION	21/01/2015
TITLE	EXHAUST CASING OF A STEAM TURBINE
PRIORITY NA	



DESIGN NUMBER	263076
CLASS	24-01
1)HUNTLEIGH TECHNOLOGY LIMITED, HAVING THEIR ADDRESS AT ARJOHUNTLEIGH HOUSE HOUGHTON HALL BUSINESS PARK, DUNSTABLE BEDFORDSHIRE, UNITED KINGDOM, A COMPANY INCORPORATED UNDER THE LAWS OF UNITED KINGDOM	
DATE OF REGISTRATION	03/06/2014
TITLE	BLOOD PRESSURE MONITORING APPARATUS

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002453530-0001	25/04/2014	OHIM



DESIGN NUMBER	266283
CLASS	06-05
1)NATIONAL INSTITUTE OF DESIGN LOCATED AT PALDI, AHMEDABAD-380007, GUJARAT, HAVING NATIONALITY AS INDIAN	
DATE OF REGISTRATION	30/09/2014
TITLE	TABLE
PRIORITY NA	



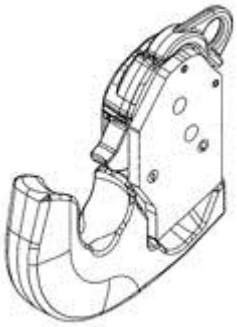
DESIGN NUMBER	264838
CLASS	07-02
1)M/S. FNS INTERNATIONAL PRIVATE LIMITED AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 HAVING ITS OFFICE AT ITL TWIN TOWER, B-09, 313, 3RD FLOOR, NETAJI SUBHASH PALACE, PITAMPURA, DELHI (INDIA)	
DATE OF REGISTRATION	19/08/2014
TITLE	SNACK WARMER
PRIORITY NA	



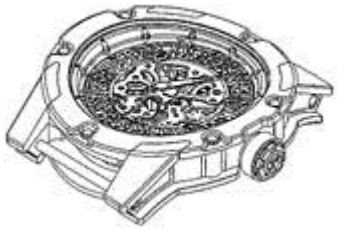
DESIGN NUMBER	265791
CLASS	12-16
1)CBM S.P.A., AN ITALIAN COMPANY, VIA L. GAZZOTTI, 284, 41122 MODENA (MO) ITALY	
DATE OF REGISTRATION	16/09/2014
TITLE	LOWER COUPLING HOOK FOR AGRICULTURAL VEHICLES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002431973-0001	25/03/2014	OHIM



DESIGN NUMBER	268720
CLASS	10-02
1)TURLEN HOLDING SA, A SWISS COMPANY, C/O SIPO S.A., CHEMIN DU CHÂTEAU 26A, 2805 SOYHIÈRES, SWITZERLAND	
DATE OF REGISTRATION	08/01/2015
TITLE	WRISTWATCH WITHOUT BRACELET



PRIORITY

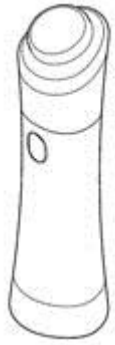
PRIORITY NUMBER	DATE	COUNTRY
836666901	02/09/2014	WIPO

DESIGN NUMBER	267815
CLASS	07-01
1)GOEL SCIENTIFIC GLASS WORKS LTD., AN INDIAN COMPANY HAVING REGISTERED OFFICE AT C/31/A, SARDAR ESTATE, AJWA ROAD, VADODARA-390 019, GUJARAT, INDIA	
DATE OF REGISTRATION	28/11/2014
TITLE	WHISKY GLASS



PRIORITY NA

DESIGN NUMBER	265985
CLASS	28-03
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS	
DATE OF REGISTRATION	24/09/2014
TITLE	ULTRASOUND SKIN NOURISHING DEVICE



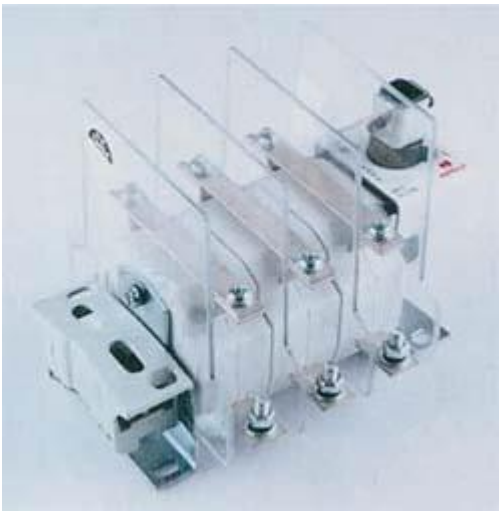
PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002432773-0001	26/03/2014	OHIM

DESIGN NUMBER	269200
CLASS	23-01
1)MR. KRISHENLAL KHANNA, INDIAN NATIONAL ON BEHALF OF KIMPLAS PIPING SYSTEMS LTD., A FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS ADDRESS AT B-20, MIDC, AMBAD, NASHIK-422010	
DATE OF REGISTRATION	30/01/2015
TITLE	FLUID DISTRIBUTION EQUIPMENT
PRIORITY NA	



DESIGN NUMBER	265507
CLASS	13-03
1)HAVELLS INDIA LIMITED HAVING REGISTERED OFFICE AT 1, RAJ NARAIN MARG, CIVIL LINES, DELHI-110054.	
DATE OF REGISTRATION	08/09/2014
TITLE	SWITCH DISCONNECTOR FUSE
PRIORITY NA	



DESIGN NUMBER	265705
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B.S. DEVSHI MARG, GOVANDI(EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/09/2014
TITLE	GARMENT
PRIORITY NA	



DESIGN NUMBER	268833
CLASS	12-15
1)SPEEDWAYS TYRE LIMITED, SUCHI PIND BYE PASS, G.T. ROAD, JALANDHAR (PB.) INDIA, A COMPANY REGISTERED UNDER COMPANIES ACT, 1956	
DATE OF REGISTRATION	13/01/2015
TITLE	TYRE
PRIORITY NA	



DESIGN NUMBER	266748
CLASS	24-02
1)EPITOME PHARMACEUTICALS LIMITED, A US COMPANY HAVING ITS OFFICE ADDRESS AT 4016 LARK STREET - SAN DIEGO, CA 92103, USA	
DATE OF REGISTRATION	16/10/2014
TITLE	BIOPSY NEEDLE
PRIORITY NA	



DESIGN NUMBER	263215
CLASS	06-01
1)JCB INDIA LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT B-1/1-1, 2ND FLOOR, MOHAN CO-OPERATIVE INDUSTRIAL ESTATE, MATHURA ROAD, NEW DELHI, INDIA AND WORKS AT 23/7, MATHURA ROAD, BALLABGARH, HARYANA, INDIA.	
DATE OF REGISTRATION	09/06/2014
TITLE	OPERATOR SEAT FOR COMPACTOR
PRIORITY NA	



DESIGN NUMBER	265706
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B.S. DEVSHI MARG, GOVANDI(EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/09/2014
TITLE	GARMENT
PRIORITY NA	



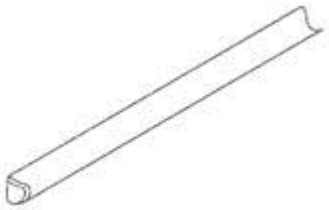
DESIGN NUMBER	268834
CLASS	09-01
1)RANA SUGARS LIMITED, SCO 49-50, SECTOR 8-C, MADHYA MARG, CHANDIGARH, INDIA, PRIVATE LIMITED COMPANY, A COMPANY REGISTERED UNDER COMPANIES ACT, 1956	
DATE OF REGISTRATION	13/01/2015
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	267785
CLASS	15-99
1.DIPAK GHANSHYAMBHAI NAROLA, 2.DHARA ASHISHKUMAR NAROLA, 3. RAMBHABEN VALLABHBHAI NAROLA, 4. URVISH VALLABHBHAI NAROLA, ALL RESIDING AT 6, JEEVNDEEP SOCIETY, KATARGAM SINGANPOR ROAD, KATARGAM, SURAT-395004, GGUJARAT, INDIA, 5. SHILPA SUKETU MANGUKIA, RESIDING AT 62, ARIHANT PARK SOCIETY, CHHAPRABHATHA ROAD, AMROLI, SURAT-394107, GUJARAT, INDIA, AND 6, JYOTI SUNIL NAVALE, RESIDNING AT B/201, PARTHA COLONY, RAMJI PARK, OPP. MARUTI NAGAR, VAJALPORE (EAST), NAVSARI-396 445, GUJARAT, INDIA. ALL THE PARTNERS ARE INDIAN CITZEN. ALL BEING PARTNER TRADING AS M/S NAROLA MACHINES, AN INDIAN PARTNERSHIP ACT, HAVING PRINCIPAL PLACE OF BUSINESS AT 6, JEEVNDEEP SOCEITY, KATARGAMSINGANPOR ROAD, KATARGAM SURAT-395004, GUJARAT, INDIA.	
DATE OF REGISTRATION	27/11/2014
TITLE	LASER MACHINE FOR DIAMOND PROCESSING
PRIORITY NA	



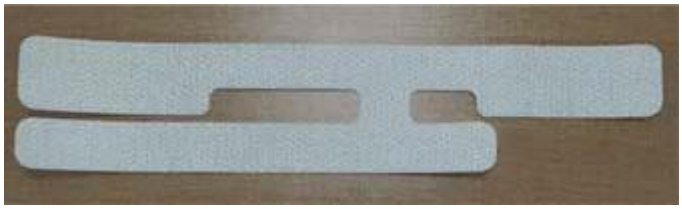
DESIGN NUMBER	266749
CLASS	24-02
1)EPITOME PHARMACEUTICALS LIMITED, A US COMPANY HAVING ITS OFFICE ADDRESS AT 4016 LARK STREET - SAN DIEGO, CA 92103, USA	
DATE OF REGISTRATION	16/10/2014
TITLE	BIOPSY NEEDLE
PRIORITY NA	



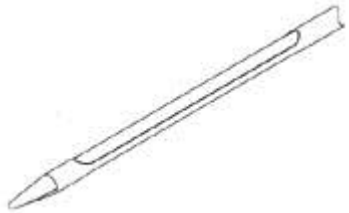
DESIGN NUMBER	265704
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B.S. DEVSHI MARG, GOVANDI(EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/09/2014
TITLE	GARMENT
PRIORITY NA	



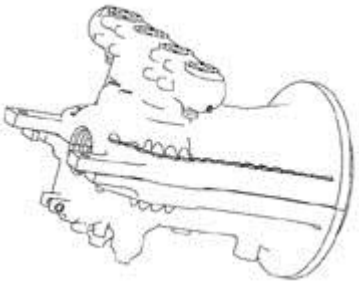
DESIGN NUMBER	265815
CLASS	24-04
1)3M INNOVATIVE PROPERTIES COMPANY, A COMPANY INCORPORATED IN THE STATE OF DELAWARE OF 3M CENTER, SAINT PAUL, MINNESOTA 55133-3427, U.S.A.	
DATE OF REGISTRATION	17/09/2014
TITLE	DRESSING FOR SECURING ENDOTRACHEAL TUBE
PRIORITY NA	



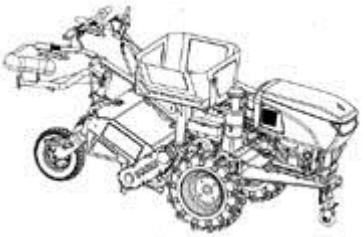
DESIGN NUMBER	266747
CLASS	24-02
1)EPITOME PHARMACEUTICALS LIMITED, A US COMPANY HAVING ITS OFFICE ADDRESS AT 4016 LARK STREET - SAN DIEGO, CA 92103, USA	
DATE OF REGISTRATION	16/10/2014
TITLE	BIOPSY NEEDLE
PRIORITY NA	



DESIGN NUMBER	269029
CLASS	15-01
1)TRIVENI TURBINE LIMITED, AN INDIAN COMPANY HAVING ITS PLACE OF BUSINESS AT 12A, PEENYA INDUSTRIAL AREA, BANGLORE-560058	
DATE OF REGISTRATION	21/01/2015
TITLE	STEAM CASING OF A STEAM TURBINE
PRIORITY NA	



DESIGN NUMBER	265547
CLASS	15-03
1)KIRLOSKAR OIL ENGINES LIMITED, AN INDIAN COMPANY OF 13, LAXMANRAO KIRLOSKAR ROAD, KHADKI, PUNE-411003, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	09/09/2014
TITLE	POWER TILLER
PRIORITY NA	



DESIGN NUMBER	265707
CLASS	02-02
1)X & O CLOTHING PVT. LTD., (AN INDIAN PRIVATE LIMITED COMPANY REGISTERED UNDER THE INDIAN COMPANIES ACT, 1956), HAVING OFFICE AT 3, THAKUR COMPOUND, 1ST FLOOR, NEXT TO ABB, USV LTD., LANE, OFF. B.S. DEVSHI MARG, GOVANDI(EAST), MUMBAI-400 088, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	16/09/2014
TITLE	GARMENT (SET)
PRIORITY NA	



DESIGN NUMBER	268835
CLASS	12-15
1)SPEEDWAYS TYRE LIMITED, SUCHI PIND BYE PASS, G.T. ROAD, JALANDHAR (PB.) INDIA, A COMPANY REGISTERED UNDER COMPANIES ACT, 1956	
DATE OF REGISTRATION	13/01/2015
TITLE	TYRE
PRIORITY NA	



DESIGN NUMBER	260727
CLASS	09-09
1)MR. GHISULAL RATHOD, MR. PRADEEP RATHOD, MR. PANKAJ RATHOD, MR. PANNALAL SHARMA, MR. JAYANTILAL JAIN, MRS. SANGEETA RATHOD AND MRS. BABITA RATHOD, ALL INDIAN NATIONALS TRADING UNDER THE NAME AND STYLE OF M/S. CELLO PLASTOTECH, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT CELLO HOUSE, CORPORATE AVENUE, 'B' WING, SONAWALA LANE, GOREGAON (EAST), MUMBAI-400 063, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	28/02/2014
TITLE	DUSTBIN
PRIORITY NA	



DESIGN NUMBER	264981
CLASS	09-01
1)PRAMIT SANGHAVI AND DEWANG SANGHAVI, PARTNERS TRADING AS V2 CORP., A PARTNERSHIP FIRM, INDIAN, WHOSE ADDRESS IS WZ-8/1, INDUSTRIAL AREA, KIRTI NAGAR, NEW DELHI-110 015, INDIA	
DATE OF REGISTRATION	22/08/2014
TITLE	BOTTLE
PRIORITY NA	



DESIGN NUMBER	265678
CLASS	08-08
1)ATUL DIGHADE AND MS. MANGALA S. BHOGE ALL INDIAN NATIONALS, WHOSE ADDRESS IS: F-130, N-4, CIDCO, AURANGABAD PIN 431003 (MAHARASHTRA STATE), INDIA MAHARASHTRA STATE, INDIA	
DATE OF REGISTRATION	15/09/2014
TITLE	SPIKE BIRD GUARD
PRIORITY NA	



DESIGN NUMBER	267988
CLASS	02-04
1)ADEEBA INTERNATIONAL OF OFFICE AND FACTORY AT 123/1, CHABILEY PURWA, JAJMAU, KANPUR-208010 (U.P.), INDIA, AN INDIAN PROPRIETORSHIP FIRM WHOSE PROPRIETOR IS USMAN AKHTAR, INDIAN NATIONAL OF ABOVE ADDRESS	
DATE OF REGISTRATION	08/12/2014
TITLE	SOLE FOR FOOTWEAR
PRIORITY NA	



DESIGN NUMBER	267431
CLASS	05-06
1)HAJOORI & SONS; AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT HAJOORI & SONS, PLOT NO. 243/244, BHATPORE G.I.D.C., ICHCHAPORE, HAZIRA ROAD, SURAT-394 510, GUJARAT, INDIA	
DATE OF REGISTRATION	17/11/2014
TITLE	ADHESIVE SHEET
PRIORITY NA	



DESIGN NUMBER	265993
CLASS	28-99
1)RECKITT BENCKISER (BRANDS) LIMITED, A BRITISH COMPANY OF 103-105 BATH ROAD, SLOUGH BERKSHIRE, SL1 3UH, UNITED KINGDOM	
DATE OF REGISTRATION	24/09/2014
TITLE	CAPSULE CONTAINING WASHING PRODUCT
PRIORITY	

PRIORITY NUMBER	DATE	COUNTRY
001407050-0004	25/03/2014	OHIM



DESIGN NUMBER	266073
CLASS	26-05
1)HAVELLS INDIA LIMITED HAVING REGISTERED OFFICE AT 1, RAJ NARAIN MARG, CIVIL LINES, DELHI 110054, AN INDIAN NATIONAL COMPANY	
DATE OF REGISTRATION	26/09/2014
TITLE	DOWN LIGHTER
PRIORITY NA	



DESIGN NUMBER	269018
CLASS	09-01
1)PARSHOTAMBHAI MOHANBHAI RATHOD, INDIAN NATIONAL HAVING PRINCIPAL PLACE OF BUSINESS AT BHUMI INDUSTRIAL AREA, SURVEY NO. 253, PLOT NO. 2/20, B/H. SARVODAYA, NEAR STREET OF WELDOR ENGG., N. H. 8-B, VERAVAL (SHAPER), TA. KOTDA SANGANI, DIST. RAJKOT, GUJARAT, INDIA	
DATE OF REGISTRATION	21/01/2015
TITLE	BOTTLE
PRIORITY NA	



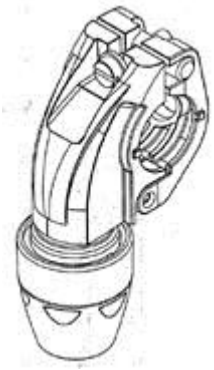
DESIGN NUMBER	269390
CLASS	09-01
1)KEVAL GOSAR INDIAN NATIONALS, PROPRIETOR FIRM AT 13/A, SAPTARSHI BUILDING, DAFTARY ROAD, ABOVE MILAN HOTEL, MALAD (EAST), MUMBAI-400097 (INDIA) OF ABOVE ADDRESS	
DATE OF REGISTRATION	09/02/2015
TITLE	WATER BOTTLE
PRIORITY NA	



DESIGN NUMBER	265550
CLASS	23-01
1)ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, OF BOOMSESTEENWEG 957, 2610 WILRIJK, BELGIUM, A BELGIAN COMPANY	
DATE OF REGISTRATION	09/09/2014
TITLE	CONNECTION FOR PIPES, TUBES OR HOSES

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002425116	14/03/2014	OHIM



DESIGN NUMBER	265727
CLASS	09-05
1)AMBAR GUPTA, NATIONALITY: INDIAN, ADDRESS: J-509, RBI STAFF QUARTERS, BEHIND MARATHA MANDIR CINEMA, MUMBAI CENTRAL-EAST, MUMBAI-400008	
DATE OF REGISTRATION	16/09/2014
TITLE	SACKS



PRIORITY NA

DESIGN NUMBER	250671
CLASS	12-16
1)MAN TRUCK & BUS AG, A GERMAN COMPANY OF DACHAUER STR. 667, 80995 MUNICH, GERMANY	
DATE OF REGISTRATION	03/01/2013
TITLE	FRONT GRILL OF A UTILITY VEHICLE

PRIORITY

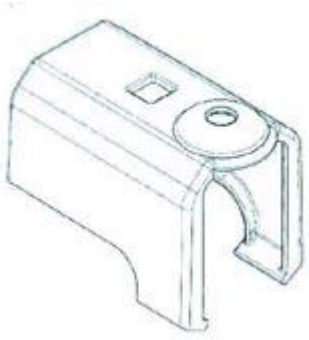
PRIORITY NUMBER	DATE	COUNTRY
001335210	04/07/2012	OHIM



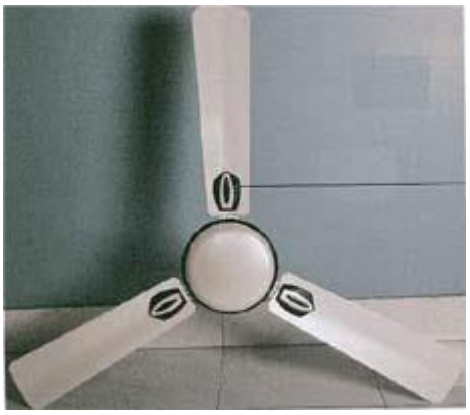
DESIGN NUMBER	266025
CLASS	15-06
1)MASCHINENFABRIK RIETER AG, A SWISS COMPANY OF KLOSTERSTRASSE 20, CH-8406 WINTERTHUR, SWITZERLAND	
DATE OF REGISTRATION	25/09/2014
TITLE	COVER FOR TOP ROLLER SUPPORT ARM

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201430074594.1	27/03/2014	CHINA



DESIGN NUMBER	269046
CLASS	23-04
1)KHAITAN (INDIA) LIMITED, AN INDIAN COMPANY OF 46C, JAWAHAR LAL NEHRU ROAD, KOLKATA 700 071, WEST BENGAL, INDIA.	
DATE OF REGISTRATION	22/01/2015
TITLE	CEILING FAN
PRIORITY NA	



DESIGN NUMBER	267070
CLASS	09-01
1)HNB FOODS & BEVERAGES; AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT HNB FOODS & BEVERAGES, NH.8, BLOCK NO. 527, PAIKEE, NEAR ARAK SISODARA PATIA, NEAR CANAL, VESMA, JALALPORE, NAVSARI, GUJARAT, INDIA	
DATE OF REGISTRATION	29/10/2014
TITLE	BOTTLE
PRIORITY NA	



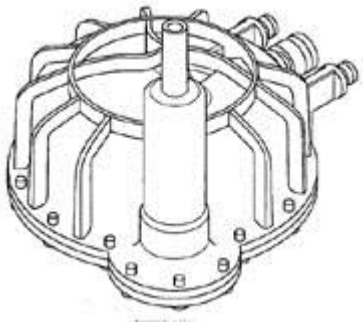
DESIGN NUMBER	264811
CLASS	14-99
1)INVENTIO AG, A SWISS COMPANY OF POSTFACH, 6052 HERGISWIL, SWITZERLAND	
DATE OF REGISTRATION	18/08/2014
TITLE	OPERATING PANEL

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
140651	01/04/2014	SWITZERLAND



DESIGN NUMBER	260298
CLASS	23-01
1)UNILEVER PLC, A COMPANY REGISTERED IN ENGLAND AND WALES UNDER COMPANY NO. 41424 OF UNILEVER HOUSE, 100 VICTORIA EMBANKMENT, LONDON, EC4Y 0DY, UNITED KINGDOM	
DATE OF REGISTRATION	12/02/2014
TITLE	END OF LIFE ASSEMBLY FOR WATER PURIFIER



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
002295667-0003	23/08/2013	OHIM

DESIGN NUMBER	267247
CLASS	12-16
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	07/11/2014
TITLE	SIDE FAIRING FOR MOTORCYCLE
PRIORITY NA	



DESIGN NUMBER	266886
CLASS	07-07
1)M/S. CELLO PLASTOTECH, A PARTNERSHIP FIRM REGISTERED UNDER THE PROVISION OF INDIAN PARTNERSHIP ACT, 1932, HAVING OFFICE ADDRESS AT 5 CORPORATE AVENUE, 'B' WING, CELLO HOUSE, SONAWALA ROAD, GOREGAON (EAST), MUMBAI-400 063, MAHARASHTRA, INDIA	
DATE OF REGISTRATION	22/10/2014
TITLE	LAUNDRY BASKET
PRIORITY NA	



DESIGN NUMBER	268988
CLASS	12-16
1)SUZUKI MOTOR CORPORATION, A JAPANESE CORPORATION OF 300, TAKATSUKA-CHO, MINAMI-KU, HAMAMATSU-SHI, SHIZUOKA-KEN, JAPAN	
DATE OF REGISTRATION	21/01/2015
TITLE	FRONT BUMPER FOR VEHICLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2014-018410	25/08/2014	JAPAN



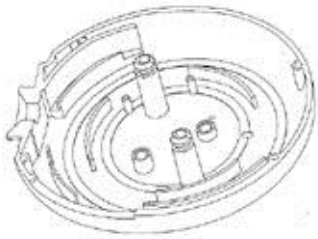
DESIGN NUMBER	269194
CLASS	15-04
1)DEERE & COMPANY, A US CORPORATION OF ONE JOHN DEERE PLACE, MOLINE, ILLINOIS, 61265-8098 USA	
DATE OF REGISTRATION	29/01/2015
TITLE	HOOD WITH BODY PANEL FOR A VEHICLE

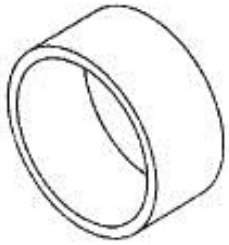
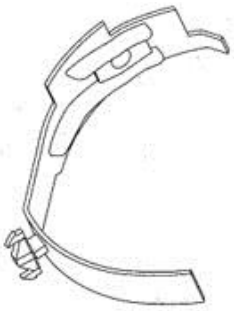
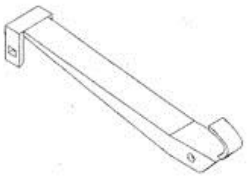
PRIORITY

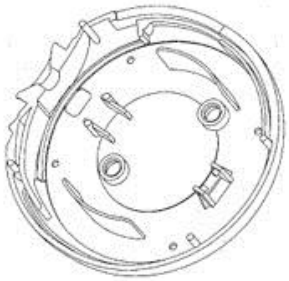
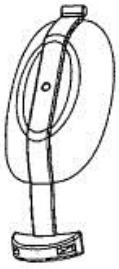
PRIORITY NUMBER	DATE	COUNTRY
29/498797	07/08/2014	U.S.A.



DESIGN NUMBER	211207
CLASS	24-04
1) CIPLA LIMITED, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF INDIA, HAVING ITS REGISTERED OFFICE AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400 008, MAHARASHTRA, INDIA.	
DATE OF REGISTRATION	13/07/2007
TITLE	"BASE"
PRIORITY NA	



DESIGN NUMBER	211219	
CLASS	24-04	
1) CIPLA LIMITED, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF INDIA, HAVING ITS REGISTERED OFFICE AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400 008, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	13/07/2007	
TITLE	"ROLLER FOR SPIKE"	
PRIORITY NA		
DESIGN NUMBER	211210	
CLASS	24-04	
1) CIPLA LIMITED, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF INDIA, HAVING ITS REGISTERED OFFICE AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400 008, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	13/07/2007	
TITLE	"CAM STRIP"	
PRIORITY NA		
DESIGN NUMBER	211209	
CLASS	24-04	
1) CIPLA LIMITED, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF INDIA, HAVING ITS REGISTERED OFFICE AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400 008, MAHARASHTRA, INDIA.		
DATE OF REGISTRATION	13/07/2007	
TITLE	"CANTILEVER"	
PRIORITY NA		

DESIGN NUMBER	211213	
CLASS	24-04	
1) CIPLA LIMITED, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF INDIA, HAVING ITS REGISTERED OFFICE AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400 008, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	13/07/2007	
TITLE	"BODY"	
PRIORITY NA		
DESIGN NUMBER	211212	
CLASS	24-04	
1) CIPLA LIMITED, A BODY CORPORATE INCORPORATED UNDER THE LAWS OF INDIA, HAVING ITS REGISTERED OFFICE AT 289, BELLASIS ROAD, MUMBAI CENTRAL, MUMBAI-400 008, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	13/07/2007	
TITLE	"DUST CAP"	
PRIORITY NA		