पेटेंट कार्यालय का शासकीय जर्नल

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पेटेंट कार्यालय का एक प्रकाशन PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

28th November, 2014

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THE PATENT OFFICE KOLKATA, 28/11/2014

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	E-mail: <u>cgpdtm@nic.in</u>		E-mail: chennai-patent@nic.in The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.
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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.		* Rest of India

Website: www.ipindia.nic.in
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पेटेंट कार्यालय कोलकाता, दिनांक 28/11/2014 कार्यालयों के क्षेत्राधिकार के पते

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

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2	पेटेंट कार्यालय, भारत सरकार बौद्धिक संपदा भवन, एनटॉप हिल डाकघर के समीप, एस. एम. रोड, एनटॉप हिल, मुम्बई - 400 037, फोन: (91)(22) 2413 7701, फैक्स: (91)(22) 2413 0387 ई.मेल: mumbai-patent@nic.in ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.	5	पेटेंट कार्यालय कोलकाता (प्रधान कार्यालय), बौद्धिक संपदा भवन, सीपी-2, सेक्टर-V, साल्ट लेक सिटी, कोलकाता- 700 091, भारत. फोन: (91)(33) 2367 1943/44/45/46/87 फैक्स/Fax: (91)(33) 2367 1988 ई.मेल: kolkata-patent@nic.in
3	पेटेंट कार्यालय दिल्ली, बौद्धिक संपदा भवन, प्लॉट सं. 32, सेक्टर - 14, द्वारका, नई दिल्ली - 110 075. फोन: (91)(11) 2808 1921-25 फैक्स: (91)(11) 2808 1920, 2808 1940 ई.मेल: delhi-patent@nic.in ❖ हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान, उत्तर प्रदेश, दिल्ली तथा उत्तरांचल राज्य क्षेत्रों, एवं संघ शासित क्षेत्र चंडीगढ़		

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www.patentoffice.nic.in

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

शुल्क: शुल्क या तो नकद 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 हैं।

SPECIAL NOTICE

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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.4/- per page. If any further details are required to be obtained, the same can be provided by the respective Patent Offices on request.

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

SPECIAL NOTICE

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

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

SPECIAL NOTICE

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

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(12) PATENT APPLICATION PUBLICATION

(21) Application No.3604/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :15/11/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention: MEMS BASED HIGH Q AND SELF TUNABLE BAND PASS FILTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:H01P1/203, H01P7/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)Amol D Morankar Address of Applicant: Center for VLSI & Nano Technology, Visvesvaraya National Institute of Technology, South Ambazari Road, Nagpur, Maharashtra-440010 Maharashtra India 2)Rajendra M Patrikar
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)Amol D Morankar
(61) Patent of Addition to Application Number	:NA	2)Rajendra M Patrikar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

⁽⁵⁷⁾ Abstract:

Recognizing that future multiband wireless communication systems will most likely require higher levels of performance, single chip transceiver solutions that retain high-Q components and that preserve super heterodyne like architectures. The present invention provides a MEMS technology based band pass filter device which is self-tunable and high Q for electronic signal filtering. Single band pass filter device which may filter the signal at different frequencies without application of voltage or current solely for tuning purpose. The present device enhances the output when operated in mode 1, 3, 5 etc. while suppresses the output when operated in mode 2, 4, 6 etc. The ability to reconfigure operating characteristics in real time may result in the substantial reduction in the required number of discrete components which results in low power dissipation. Following invention is described in detail with the help of Figure 1 of sheet 1 showing the structure of MEMS based high Q, self-tunable band pass filter device.

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

(22) Date of filing of Application :30/06/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : A SYSTEM WHICH INTELLIGENTLY AND OPTIMALLY CONTROLS POWER UTILIZATION FROM HYBRID ENERGY SOURCES

	:H02M	(71)Name of Applicant:
(51) International classification	7/00,	1)MAHINDRA EPC SERVICES PVT.LTD.
(31) international classification	H02M	Address of Applicant :570,1st Floor Sadhana House,
	9/00	Pandurang Budhkar Marg, Behind Mahindra Towers,
(31) Priority Document No	:NA	Worli,Mumbai 400018,India Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)JAIN, Apurav
(86) International Application No	:NA	2)JAIN, Basant
Filing Date	:NA	3)SUTAR, Suhas
(87) International Publication No	: NA	4)KADANKOTTU, Prejith Edayankara
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for controlling power utilization from hybrid energy sources to reduce energy consumption costs and maximize use of renewable energy; the system comprises a plurality of switches for switching power between a plurality of power sources; a control unit for controlling the switches to switch between the power sources to supply power from at least one power source to at least one load; the control unit preventing back-feeding of power between the power sources; the control unit reduces excess power generated from multiple inverters equally or stores it in a battery bank; the control unit diverting the excess power to the battery bank in the event that loading of at least one source falls below a predetermined value.

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

(22) Date of filing of Application :07/10/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: A PRESSURE DRIVEN TURBINE SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	F02C 9/24 :NA :NA :NA	(71)Name of Applicant: 1)PATEL LUV DINESH Address of Applicant: 250, B/55, MADHUBAN, OPPOSITE TO MAHAVIR GARDEN, NAGALA PARK, KOLHAPUR, MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PATEL LUV DINESH
(87) 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 Pressure Driven Turbine System comprising: at least a wheel adapted to be angularly displaceable about its axis; at least a bore on the circumference of said wheel, said bore having a pre-determined angle with respect to central axis of angular displacement of said wheel, said bore having an external circumferential opening and a pre-determined depth, in an angular fashion, and further having a solid bottom at the end of said pre-determined depth; at least a slider element adapted to be slide-ably engaged on said wheel, external to said wheel, and on the circumference of said wheel, said slider element being adapted to slide over said wheel as said wheel is angularly displaced; and at least an inlet hole in said slider element, said inlet hole being a through-hole extending from the operative top of said slider element to the operative bottom of said slider element, said inlet hole being angular, characterised, in that, the angle of said inlet hole is same as the angle of said at least a bore.

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

(22) Date of filing of Application :03/11/2014 (43)

(43) Publication Date: 28/11/2014

(54) Title of the invention: A PREFERENTIAL CALL MANAGEMENT SYSTEM

	:G06F9/45,	(71)Name of Applicant :
(51) International classification	H04B7/26,	1)TEJAS CHANCHAD
	H04W36/06	Address of Applicant :#203, A/2, AVANI PARK, NEAR
(31) Priority Document No	:NA	RAJESH TOWER, OPP. SAMRAJYA FLAT, VADODARA-
(32) Priority Date	:NA	390021, GUJARAT, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)TEJAS CHANCHAD
Filing Date	:NA	
(87) 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 provides a method for preferential call management. The method includes authenticating a user, allowing the user to create one or more messages, transmitting the created message along with the call to a recipient and displaying the message along with a caller ID . The display of the message enables the recipient of the call to preferentially manage the call. A preferential call management system is also provided. The system includes a first communication device, a second communication device and a centrally located server configured for call management.

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

(22) Date of filing of Application :08/07/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: INTER RADIAL SEGMENT BASED IRIS FEATURE EXTRACTION METHOD.

(51) International classification	:G06K9/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. UJWALLA HARIDAS GAWANDE
(32) Priority Date	:NA	Address of Applicant :101, SHRI SAI APARTMENT,
(33) Name of priority country	:NA	NARENDRA NAGAR EXTENTION, NAGPUR,
(86) International Application No	:NA	MAHARASHTRA. PIN-440027 Maharashtra India
Filing Date	:NA	2)MR. KAMAL OMPRAKASH HAJARI
(87) International Publication No	: NA	3)MR. YOGESH GANGADHAR GOLHAR
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DR. UJWALLA HARIDAS GAWANDE
(62) Divisional to Application Number	:NA	2)MR. KAMAL OMPRAKASH HAJARI
Filing Date	:NA	3)MR. YOGESH GANGADHAR GOLHAR

(57) Abstract:

An Inter radial segment feature extraction algorithm, provide an efficient and novel approach for extracting features of iris with less computational complexity and more discriminating precise feature. Iris recognition using proposed approach provides reduced dimensional feature set with more relevant features. This algorithm achieves higher recognition rates, lower error rates. Also the execution time required for Iris based recognition is also less and therefore is applicable for real time recognition system.

No. of Pages: 18 No. of Claims: 7

(22) Date of filing of Application :07/11/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: PORTABLE CLEANING DEVICE FOR SMALL LIQUID / WATER STORAGE TANKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	B05B15/06 :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MAKWANA Hasmukh T Address of Applicant: 2226, Shradha Housing Society, Near Ambicanagar, Gotri, Vadodara - 390021 Gujarat. India (72)Name of Inventor: 1)MAKWANA Hasmukh T
(87) 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 portable cleaning device for cleaning of liquid / water storage tank cleans sediment deposition form the tank. The portable cleaning device clean storage tank without empty out & without entering in the tank. The portable cleaning device includes a pump connected to sediment filter media which absorbs & accumulates sediment during flow vacuum created by pump and a cleaning head for creating turbulence to mobilize settled sediments for absorption by pump suction. The device is designed to operate by manual movement as per visible sediment deposits inside the tank with external power supply to operate it.

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

(22) Date of filing of Application :18/06/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: AN IMPROVED FORMULATION FOR SUSTAIINED RELEASE OF PLANT GROWTH HORMONE AND PROCESS OF PREPARATION THEREOF

(51) International classification	:A01N 25/00, A01N	(71)Name of Applicant: 1)INSTITUTE OF SCIENCE, NIRMA UNIVERSITY Address of Applicant: SARKHEJ GANDHINGAR
	27/00	HIGHWAY AHMEDABAD Gujarat India
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)PANDYA, Maharshi
(33) Name of priority country	:NA	2)DR. KEVADIYA, Bhavesh
(86) International Application No	:NA	3)DR, RAJKUMAR, Shalini
Filing Date	:NA	
(87) 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 proposed improved formulation for sustained release of plant growth hormone and process of preparation thereof is prepared by intercalation of 6-BAP into the MMT interlayer by electrostatic interaction forming 6-BAP-MMT hybrid which is further entrapped in biopolymer AL to form 6-BAP-MMT-AL beads which provide sustained release of 6-BAP in a prolonged and sustained manner preventing 6-BAP oxidation. The proposed formulation releases a plant growth hormone 6-BAP from 6-BAP-MMT-AL beads in presence of water having pH in range of 7.2-7.4 in controlled release manner for a period of 170hours.

No. of Pages: 30 No. of Claims: 4

(21) Application No.3554/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :11/11/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: A PROCESS FOR THE PREPARATION OF ARIPIPRAZOLE AND ITS CRYSTAL FORM THEREOF

(51) International classification	:C07D215/227, C07D215/22	(71)Name of Applicant: 1)ZCL CHEMICALS LTD.
(31) Priority Document No	:NA	Address of Applicant :'A' - 806/807, 215 ATRIUM
(32) Priority Date	:NA	CHAKALA, ANDHERI (EAST), MUMBAI-400 059,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)AGARWAL NAND LAL
(87) International Publication No	: NA	2)BHAVSAR RAHUL ARUNBHAI
(61) Patent of Addition to Application Number	:NA	3)MUBASHSHIR AHMED
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(== \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		

⁽⁵⁷⁾ Abstract:

The present invention relates to an improved and industrially applicable process for the preparation of aripiprazole and its crystal form of formula I thereof.

No. of Pages: 15 No. of Claims: 8

(22) Date of filing of Application :05/11/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention : A METHOD FOR PACKING AND STERILIZATION OF BIORESORBABLE SCAFFOLD SYSTEMS WITHOUT AFFECTING THE SCAFFOLD CHARACTERISTICS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61F2/28, A61L27/58 :NA :NA :NA :NA	(71)Name of Applicant: 1)MERIL LIFE SCIENCES PVT. LTD. Address of Applicant: Survey no.135/139, Bilakhia House, Muktanand Marg, Chala, Vapi- 396191, Gujarat, India. (72)Name of Inventor: 1)LAD, Nilay Mohanlal
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA : NA :NA :NA :NA :NA	2)KOTHWALA, Deveshkumar Mahendralal 3)PARMAR, Harshad Amrutlal

⁽⁵⁷⁾ Abstract:

The invention discloses a method for packing and sterilization of bioresorbable scaffold systems without affecting the scaffold characteristics.

No. of Pages: 25 No. of Claims: 20

(21) Application No.3562/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :12/11/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM FOR SEED TESTING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01C1/02, A01C1/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)MRS. ARCHANA CHAUGULE Address of Applicant: PRASUN PALACE, FLAT-A6, KATE-PIMPLE ROAD, PIMPRI, PUNE-411017, MAHARASHTRA, INDIA. 2)DR. SURESH N. MALI (72)Name of Inventor: 1)MRS. ARCHANA CHAUGULE 2)DR. SURESH N. MALI
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(57) Abstract:

A germination chamber for germination of seed comprising a camera, a source of florescent light, a temperature sensor, a humid sensor, a humidifier, a dark chamber and a podium for germination of seeds. The temperature and humidity is measured every 30 seconds, along with a photograph taken from said camera every 24 hours. When the temperature and humidity goes below or above a pre-determined level, the heater and humidifier are turned ON or OFF respectively. The seeds are categorized accordingly therein.

No. of Pages: 11 No. of Claims: 4

(21) Application No.3567/MUM/2014 A

(19) INDIA

(22) Date of filing of Application :12/11/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : ATTACHING-DETACHING CLIMBING DEVICE TO CLIMB VERTICAL OBJECTS WITH ATTACHABLE-DETACHABLE LEG GRIPS DURING CLIMBING

	:A63B	(71)Name of Applicant:
(51) International classification	27/02,	1)ANTOORKAR SHAM BHALCHANDRA
	A63B27/00	Address of Applicant :102, SAHAJANAND COMPLEX,
(31) Priority Document No	:NA	SHAHIBAUG ROAD AHMEDABAD - 380 004 GUJARAT,
(32) Priority Date	:NA	INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)ANTOORKAR SHAM BHALCHANDRA
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention discloses an attachable-detachable climbing device with adjustable grabs to climb vertical objects like poles, columns or trees which are attachable-detachable during climbing in which the climber can detach one of his legs along with the device attached to his leg during climbing to overcome the obstacles present in the vertical object with the help of adjustable grabbing arms and frictional grips. The device comprises of manually adjustable mechanisms to suit the various sizes, shapes and materials of construction of the vertical object. Moreover it has adjustable split foot plates to hold the different sizes of shoes of the climber. Thus the versatile and safe device assists the climber by providing firm foot hold for climbing up or down the vertical object without risk of fall.

No. of Pages: 40 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :12/03/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: CONSTANT LOAD HANGER

(51) International classification	:e21b	(71)Name of Applicant:
(31) Priority Document No	:NA	1)MARIMUTHU MASILAMANI
(32) Priority Date	:NA	Address of Applicant :OLD NO. 2, NEW NO. 9,
(33) Name of priority country	:NA	KALANDAR STREET, KANCHEEPURAM - 631 502 Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)MARIMUTHU MASILAMANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

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

(57) Abstract:

Constant Load Hanger provides a constant supporting force, on the piping system to which it is attached, throughout their full range of vertical thermal expansion or contraction. The main objective of this invention is to introduce to the rapidly developing modem industry, a simple and innovative Constant Load Hanger. This newly invented Constant Load Hanger is entirely different in principle and operating mechanism, from all types of Constant Load Hangers in use in the present industry. The Special and important feature of this Constant Load Hanger is that after setting the Design load by pre-compressing the spring, this setting will remain unaltered throughout the entire travel range of the hanger. This is achieved by suitably designing and selecting the dimensions of the Linkage Mechanism and choosing a Helical Coil Compression Spring of proper size and deflection, to suit the load to be supported and movement to be accommodated by the hanger.

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

(21) Application No.5800/CHE/2014 A

(19) INDIA

(22) Date of filing of Application :19/11/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: SOLUTIONS FOR STUDENT SECURITY AND COMPREHENSIVE EDUCATION SYSTEMS

(51) International classification	:g09b	(71)Name of Applicant :
(31) Priority Document No	:NA	1)GAJALAKSHMI
(32) Priority Date	:NA	Address of Applicant :NO. 227, 1ST 'C' CROSS, KASTURI
(33) Name of priority country	:NA	NAGAR, BANGALORE - 560 043 Karnataka India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)GAJALAKSHMI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

We have come out with a new approach for solving the Security problems in Educational Institutions. The solution would be a patentable belt/ badges worn around the waist/ pinned to the dress that would be tracked at all times in the school premises. The working principle is explained below:- The belt/ badge would be similar to the technology of Ankle monitors that are designed to be tamper-resistant and can alert authorities to removal attempts, such as cutting the conductive band causing a circuit break. Based on the GPS (Global Positioning system) each Students and Schools staff presence would be tracked in the School Premises through the Belt he/she wears. School Staff, Security guards, would be provided with dedicated smart phones/ Walkie Talkies through which they would receive the alerts. Students would be tracked from the point they would enter the school till the point they leave for the day. The positional data of each and every student would be sent to a Control Software (which would be continuously running in the school), this software would analyze the data based on the rules that are set up. New rules can be configured and existing rules can be modified at any point of time. The data that the control software would receive of each student is o Position of the Student o Student Id Control software would analyze the data based on the rules set up and appropriate action would be taken. o Sample rules can be as - a lone girl student surrounded by a group of male students (2 or more) for more than a stipulated time (say 10 mins) -then notification would happen. o Notification would be in the form of SMS/ Pager alert to the preconfigured school staff-Teacher, Security Chief, Warden etc. Notification would not necessary mean something wrong is happening, but would mean some intervention would be required. Through this mechanism student movements would be tracked by the software to prevent any untoward incident happening in the school premises. Belts/ Badges would also have Smoke and Smell Sensors/ detectors. Notification would happen when smoke is detected. Cases of Smoking/ Substance abuse can be contained with this. The belt Smart card could also be used as a Prepaid Money card that could be topped up. Parents would top up the money for the Children who can redeem the money for food and other items in school.

No. of Pages: 17 No. of Claims: 1

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.1928/DELNP/2006 A

(19) INDIA

(22) Date of filing of Application :07/04/2006

(43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD AND SYSTEM FOR COMBINING VIDEO SEQUENCES WITH SPATIO-TEMPORAL ALIGNMENT

(51) International classification	:H04N	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ECOLE POLYTECHNIQUE FEDERALE DE
(32) Priority Date	:NA	LAUSANNE(EPEL)
(33) Name of priority country	:NA	Address of Applicant :ECUBLENS, CH-1015
(86) International Application No	:PCT/IB99/OO173	LAUSANNE3,SWITWERLAND
Filing Date	:15/01/1999	(72)Name of Inventor:
(87) International Publication No	: NA	1)AYER, SERGE
(61) Patent of Addition to Application Number	:NA	2)VETTERLI,MARTIN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Alastra et .		•

(57) Abstract:

The invention relates to a system and a method for generating a composite video sequence from a plurality of given video sequences (IS1, IS2), comprising means (11) for synchronizing the plurality of given video sequences (IS1, IS2) into a corresponding plurality of synchronized video sequences (IS1, IS2); means (13) for choosing a camera reference coordinate system for each frame of each synchronized video sequence (IS1, IS2) and for obtaining a camera coordinate transformation between said camera reference coordinate system and the corresponding frame of each of said plurality of synchronized video sequence (IS1, IS2); and means (15) for forming said composite video sequence from said plurality of synchronized video sequences (IS1, IS2) by transforming each sequence (IS1, IS2) based on said camera coordinate transformation into a chosen focal plane and by superimposing the transformed sequences (IS1, IS2) for merged simultaneous visualization on a single display.

No. of Pages: 22 No. of Claims: 15

(21) Application No.2478/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: NASAL SPRAY DEVICE

(51) International

:A61M15/00,A61M15/08,B05B1/00

classification

(31) Priority Document No :61/392223

(32) Priority Date

:12/10/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/EP2011/005118

:12/10/2011

Filing Date

(87) International Publication :WO 2012/048867 No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)IVAX PHARMACEUTICALS IRELAND

Address of Applicant : Unit 301 Industrial Park Waterford

2)TEVA BRANDED PHARMACEUTICAL PRODUCTS

R&D INC.

3)IVAX RESEARCH LLC

(72)Name of Inventor:

1)WALSH Declan

2) ZENG XIan Ming

3)LY Jade

4)MORALES Armando

(57) Abstract:

This invention relates to a nasal spray device (1) for the delivery of a pharmaceutical formulation to the nasal cavity in metered doses. The device comprises: a pressurised aerosol canister (3) including a vial (4) containing a pharmaceutical formulation comprising an active ingredient a propellant and optionally a co solvent the aerosol canister further including a metering valve (6) having a valve stem (8); and an actuator (2) for the aerosol canister the actuator including a stem block (11) having a receptacle into which the valve stem of metering valve of the aerosol canister is received and axially located and being displaceable relative to the vial of the aerosol canister to actuate the metering valve of the aerosol canister a sump (15) extending below the receptacle the stem block further defining a discharge orifice (19) for the pharmaceutical formulation and a transfer channel (13) through which a dispensed dose of the pharmaceutical formulation is able to pass from the sump to the discharge orifice. The actuator further comprises a delivery outlet (12) for the aerosol plume the discharge orifice being arranged to direct the aerosol plume through the delivery outlet and wherein the device is adapted to produce an aerosol plume for a dispensed dose having a spray force value no greater than 40 mN measured at a distance of 30 mm from the discharge orifice. Use of the term formulation encompasses both solution and suspension formulations.

No. of Pages: 26 No. of Claims: 15

(21) Application No.305/DELNP/2004 A

(19) INDIA

(22) Date of filing of Application :10/02/2004

(43) Publication Date: 28/11/2014

(54) Title of the invention: ZINC FINGER DOMAIN LIBRARIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07K 14/47 :60/313,402 :17/08/2001 :U.S.A. :PCT/KR02/01560 :17/08/2002 :WO 03/016571 :NA :NA :NA	(71)Name of Applicant: 1)TOOLGEN, INC. Address of Applicant:461-6, JEONMIN-DONG, YUSEONG-GU, 305-390 DAEJEON, REPUBLIC OF KOREA Republic of Korea (72)Name of Inventor: 1)JIN-SOO KIM 2)KWANG-HEE BAE 3)KYUN-SOON PARK 4)YOUNG-DO KWON 5)EUN-HYUN RYU 6)MOON-SUN HWANG
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(57) Abstract:

Disclosed are libraries of chemiric zinc finger domain. The libraries can include two or more zinc finger domains from naturally occurring proteins, e.g., mammalian proteins and particularly human proteins. Useful chimeric zinc finger domains can be identified from the library. Also disclosed are the amino acid sequences of zinc finger domains that recognize particular sites.

No. of Pages: 128 No. of Claims: 48

(22) Date of filing of Application :09/04/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INLINE LIQUID DRUG MEDICAL DEVICE WITH MANUALLY OPERATED ACTUATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61M39/22,A61J1/20 :209102 :04/11/2010 :Israel :PCT/IL2011/000834 :27/10/2011 :WO 2012/059913 :NA :NA	(71)Name of Applicant: 1)MEDIMOP MEDICAL PROJECTS LTD Address of Applicant: 17 Hatidhar street POBox 2499 43665 Ra ¡nana Israel (72)Name of Inventor: 1)LEV Amir
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Inline liquid drug medical device having a longitudinal device axis a housing with a flow control member rotatable within a transverse bore from a first flow control position for establishing flow communication between a first pair of ports for liquid drug reconstitution purposes to a second flow control position for establishing flow communication between a second pair of ports for liquid drug administration purposes and a manually operated actuator for rotating the flow control member from its first flow control position to its second flow control position.

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

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TRANSFERRING ELECTRIC ENERGY TO A VEHICLE BY INDUCTION

(51) International classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(86) International Application
(35) International Application
(36) International Application
(37) Name of Applicant:
(37) Name of Applicant:
(38) International Application
(39) International Application
(30) International Application
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(34) International Application
(35) International Application
(36) International Application
(37) Name of Applicant:
(37) Name of Applicant:
(37) Name of Applicant:
(38) International Application
(39) International Application
(31) Priority Document No
(32) Priority Date
(31) International Classification
(31) Priority Document No
(32) Priority Date
(33) Name of priority country
(34) International Application
(35) International Application
(36) International Application
(37) Name of Applicant:
(37) Name of Applicant:
(37) Name of International Application
(38) International Application
(39) International Application
(39) International Application
(30) International Application
(31) International Application
(32) International Application
(33) International Application
(34) International Application
(35) International Application
(36) International Application
(37) International Application
(38) International Application
(39) International Application
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(30) International Application
(30) International Application
(31) International Application
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(30) International Application
(30) International Application
(31) International Application
(32) International Application
(33) International Application
(34) Internat

:PCT/EP2011/070718 Filing Date :22/11/2011 (72)INAME of Inventor: 1)CZAINSKI Robert 2)MEINS J¹/4rgen

(87) International Publication :WO 2012/069495 3)WHALEY John

(61) Patent of Addition to
Application Number
Filing Date
:NA

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

(57) Abstract:

The invention relates to a system for transferring electric energy to a vehicle in particular to a road automobile or to a track bound vehicle such as a light rail vehicle wherein the system comprises an electric conductor arrangement (37) for producing a magnetic field and for thereby transferring the energy to the vehicle wherein the electric conductor arrangement (37) comprises at least one current line (37a 37b 37c) wherein each current line (37a 37b 37c) is adapted to carry the electric current which produces the magnetic field or is adapted to carry one of parallel electric currents which produce the magnetic field and wherein: the current line or lines (37a 37b 37c) extend(s) at a first height level the system comprises an electrically conductive shield (20) for shielding the magnetic field wherein the shield (20) extends under the track and extends below the first height level and a magnetic core (39) extends along the track at a second height level and extends above the shield (20).

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

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR CRANELESS WIND TURBINE BLADE HANDLING VIA A TURBINE HUB

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:15/11/2011 :WO 2012/065613 :NA :NA :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)HVID NIELSEN Kennet
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention involves craneless dismounting and/or mounting a vertically arranged wind turbine blade from a wind turbine generator hub mounted to a nacelle placed on a tower said hub being arranged for having a number of blades attached. The method comprises mounting a number of bolt like extensions in positions where fastening bolts have been removed or could be received. These extensions are much longer than the fastening bolts so that the blade may be handled using the extensions to a position where a lifting yoke may be attached or detached either for lowering or lifting the blade. The method may be performed without at separate crane and is particularly useful in relation to blade maintenance repair or replacement at remote wind turbine sites which would incur high costs for a mobile crane. Moreover the method may be performed without having personnel going outside the hub or nacelle but can stay at the ground and within the hub.

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

(21) Application No.4557/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ION DETECTION SYSTEM AND METHOD

(51) International classification: H01J49/02, H01J43/00, H01J49/40 (71) Name of Applicant:

(31) Priority Document No :1021405.4 (32) Priority Date :17/12/2010

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

(86) International Application

:PCT/EP2011/072634 :13/12/2011 Filing Date

(87) International Publication

:WO 2012/080268

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)THERMO FISHER SCIENTIFIC (BREMEN) GMBH

Address of Applicant: Hanna Kunath Str. 11 28199 Bremen

Germany

(72)Name of Inventor:

1)KHOLOMEEV Alexander 2)MAKAROV Alexander

(57) Abstract:

A detection system and a method for detecting ions which have been separated in a time of flight (TOF) mass analyser comprising an amplifying arrangement for converting ions into packets of secondary particles and amplifying the packets of secondary particles wherein the amplifying arrangement is arranged so that each packet of secondary particles produces at least a first output and a second output separated in time and so that during the delay between producing the first and second output the first output produced by a packet of secondary particles is used for modulating the second output produced by the same packet. An increased dynamic range of detection and protection of the detection system against intense ion pulses is thereby provided.

No. of Pages: 37 No. of Claims: 18

(21) Application No.4558/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 28/11/2014

(54) Title of the invention: SCROLL REFRIGERATION COMPRESSOR

(51) International

:F04C18/02,F04C23/00,F04C29/04

classification

(31) Priority Document No (32) Priority Date

:10/60470 :14/12/2010

(33) Name of priority country: France

(86) International Application

:PCT/FR2011/052778

Filing Date

:28/11/2011

(87) International Publication

:WO 2012/080610

(61) Patent of Addition to **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)DANFOSS COMMERCIAL COMPRESSORS

Address of Applicant : Route Dpartementale 28 ZI Lieudit Les

Communaux REYRIEUX F 01600 Trevoux France

(72)Name of Inventor: 1)GINIES Pierre

2)ANCEL Christophe

(57) Abstract:

The invention relates to a scroll refrigeration compressor including: a sealed casing; stationary (7) and moving (10) volutes comprising scrolls inserted into one another and defining variable volume compression chambers (13); a delivery chamber (24) defined by the plate (8) of the stationary volute (7) and the sealed casing; a heat shield (32) disposed in the delivery chamber dividing the chamber into (i) a first volume (33a) defined by the plate of the stationary volute and the heat shield and (ii) a second volume (33b) defined by the heat shield and the sealed casing; and at least one bypass passage (34) arranged to communicate the first and second volumes. The compressor also includes: at least one bypass passage (35) arranged to communicate the first volume (33a) with an intermediate compression chamber (13b) and at least one bypass valve (36) which is disposed in the first volume and which can move between positions for sealing and opening a corresponding bypass passage (35).

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

(21) Application No.3255/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/04/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: NEEDLE SHIELD ARRANGEMENT

(51) International classification	:A61M5/32	(71)Name of Applicant:
(31) Priority Document No	:61/392205	1)OWEN MUMFORD LIMITED
(32) Priority Date	:12/10/2010	Address of Applicant :Brook Hill Woodstock Oxford
(33) Name of priority country	:U.S.A.	Oxfordshire OX20 1TU U.K.
(86) International Application No	:PCT/GB2011/051960	(72)Name of Inventor:
Filing Date	:11/10/2011	1)BICKNELL Stephen
(87) International Publication No	:WO 2012/049493	2)MARSHALL Jeremy
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A needle shield arrangement for a syringe(10) having a generally cylindrical body with a needle (16) at its forward end comprises a shield portion (20) adapted for shielding said needle(16); a syringe engaging portion(22) for engagement with said syringe body and a frangible connecting portion(24) connecting said shield portion and said syringe engagement portion.

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

(21) Application No.4423/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: STEERABLE ENDOLUMINAL DEVICES AND METHODS

(51) International classification :A61M25/01,A61M25/09,A61M29/00

(31) Priority Document No :61/409929

(32) Priority Date :03/11/2010
(33) Name of priority

country :U.S.A.

(86) International :PCT/US2011/059237

Application No Filing Date :03/11/2011

(87) International

Publication No :WO 2012/061657

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to Application Number Filing Date :NA (71)Name of Applicant: 1)BIOCARDIA INC.

Address of Applicant :125 Shoreway Road Suite B San Carlos

CA 94070 U.S.A. (72)Name of Inventor: 1)MILLER Aaron J.

(57) Abstract:

A steerable endoluminal device adapted for delivery into a patient s vasculature. The device includes a tubular member having a distal deflection portion that extends to the distal end and a main body portion that extends from the deflectable portion to the proximal end the tubular member further including a stiff portion extending along the distal deflection portion and being formed of polymeric material which is disposed circumferentially adjacent to the stiff portion. The stiff portion is made of a material that has an elastic modulus greater than the elastic modulus of the polymeric material. A pull wire extends between the proximal end and the distal end of the tubular member and is attached to the distal deflection portion to control deflection of the distal deflection portion of the tubular member.

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

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR GRINDING REFRACTORY METALS AND REFRACTORY METAL ALLOYS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B24D3/06,B24D5/02,B24B19/16 :12/960518 :05/12/2010 :U.S.A.	(71)Name of Applicant: 1)ETHICON INC. Address of Applicant: U.S. Route #22 Somerville NJ 08876 0151 U.S.A.
(86) International Application No Filing Date (87) International Publication	:PCT/US2011/063032 :02/12/2011	(72)Name of Inventor : 1)HAMILTON Michael L.
No	:WO 2012/078462	
(61) Patent of Addition to Application Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system (200) for grinding surgical needles (174) made of refractory metal alloys such as tungsten rhenium alloys includes a rotatable grinding wheel (120A 120B) having a grinding surface (170A 170B) a layer of a binding material (128) such as a nickel binding material layer overlying the grinding surface (170A 170B) and a plurality of abrasive particles (126) such as ABN600 abrasive particles embedded within the binding material layer (128). The abrasive particles (126) are similarly sized and the binding material layer (128) has a thickness that is about 65% of the size of the similarly sized abrasive particles (126). The system includes a lubricating device (230A 230B) adapted to apply a lubricant to an interface between the grinding surface (170A 170B) and distal ends (180) of needle blanks (174) and a rotating element (220A 220B 222A 222B) coupled with the rotatable wheel (120A 120B) for rotating the grinding surface (170A 170B).

No. of Pages: 31 No. of Claims: 22

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : AN ENDOLUMINAL LINING AND A METHOD FOR ENDOLUMINALLY LINING A HOLLOW ORGAN

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA :NA :NA :PCT/EP2010/068665 :01/12/2010 :WO 2012/072134 :NA	(71)Name of Applicant: 1)ETHICON ENDO SURGERY INC. Address of Applicant: 4545 Creek Road Cincinnati Ohio 45242 2839 U.S.A. (72)Name of Inventor: 1)CAGLE David 2)ORTIZ Mark Steven 3)DARCANGELO Michele 4)HARRIS Jason 5)ANTON Edward 6)MURRAY Michael A.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An endoluminal lining (1) for internally lining a hollow organ comprises a flexible tubular sleeve body (3) at least one anchoring portion (6) formed at an end (4) of the sleeve body and provided for the connection of the sleeve body (3) to the hollow organ a detaching zone (7) formed between the anchoring portion (6) and the sleeve body (3) and a pull activatable detaching member (8) incorporated in the detaching zone (7) and forming an activating tab (9) such that upon pulling the activating tab (9) the detaching member (8) causes breakage of the detaching zone (7) and separates the sleeve body (3) from the anchoring portion (6).

No. of Pages: 27 No. of Claims: 20

(21) Application No.4569/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: APOPTOSIS PET IMAGING AGENTS

(51) International classification	:A61K51/08,A61K51/04	(71)Name of Applicant:
(31) Priority Document No	:1020314.9	1)GE HEALTHCARE LIMITED
(32) Priority Date	:01/12/2010	Address of Applicant : Amersham Place Little Chalfont
(33) Name of priority country	:U.K.	Buckinghamshire HP7 9NA U.K.
(86) International Application No	:PCT/EP2011/071484	(72)Name of Inventor:
Filing Date	:01/12/2011	1)HISCOCK Duncan
(87) International Publication No	:WO 2012/072728	2)ARBO Bente Elizabeth
(61) Patent of Addition to Application	:NA	3)MCROBBIE Graeme Walter
Number	:NA	4)INDREVOLL Bard
Filing Date	.144	5)BHALLA Rajiv
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to radiopharmaceutical imaging of apoptosis and other forms of cell death. The invention provides PET imaging agents which target apoptotic cells selective binding to the aminophospholipid phosphatidylethanolamine (PE) which is exposed on the surface of apoptotic cells. Also provided are pharmaceutical compositions kits and methods of imaging.

No. of Pages: 42 No. of Claims: 16

(21) Application No.2231/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: UV C ANTIMICROBIAL DEVICE FOR INTRAVENOUS THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M39/16 :61/378976 :01/09/2010 :U.S.A. :PCT/US2011/050241 :01/09/2011 :WO 2012/031147 :NA :NA :NA	(71)Name of Applicant: 1)BECTON DICKINSON AND COMPANY Address of Applicant: 1 Becton Drive Mail Code 110 Franklin Lakes New Jersey 07417 1880 U.S.A. (72)Name of Inventor: 1)MUSE Jay
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(57) Abstract:

A vascular access device having a fluid chamber in which UV C radiation is emitted to irradiate pathogens contained in an infusate flowing though the fluid chamber.

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

(12) TATENT ALLECATION TODLICATION

(22) Date of filing of Application: 14/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: SEAL ASSEMBLY

(51) International classification :F16J15/34,B62D55/088 (71)Name of Applicant : (31) Priority Document No 1)CATERPILLAR INC. :61/426570 (32) Priority Date Address of Applicant: 100 N.e. Adams Street Peoria IL 61629 :23/12/2010 (33) Name of priority country 9510 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/065427 (72)Name of Inventor: Filing Date 1)DIEKEVERS Mark S. :16/12/2011 (87) International Publication No :WO 2012/087802 2)KUPPER David G. (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.4297/DELNP/2013 A

(57) Abstract:

(19) INDIA

A seal assembly for sealing between a first member (12) and a second member (14) of a joint the first member (12) being able to pivot about an axis (50) of the joint relative to the second member (14) is disclosed. The seal assembly includes a first ring (26) a load ring (20) a first seal ring (22) and a resilient second seal ring (24). The first ring (26) is for a first seal cavity (52) of the first member (12). The load ring (20) is for a second seal cavity (54) of the second member (14). The first seal ring (22) may be of a metal having a sealing surface (34) extending in a radial direction. The resilient second seal ring (24) may have an annular seal lip (18). The first seal ring (22) is held stationary by the first ring (26) in the first seal cavity (52) of the first member (12) and the second seal ring (24) is forced axially by the load ring (20) into axial sealing engagement with the first seal ring (22). A track joint may include such a seal assembly and a vehicle may include such a seal assembly. The first seal ring (22) may be integral with a thrust ring (40).

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

(21) Application No.4571/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NON HALOGEN FLAME RETARDANT THERMOPLASTIC POLYURETHANE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date Filing Date	:C08L75/04,C08K5/00,C08K5/51 :61/414083 :16/11/2010 :U.S.A. :PCT/US2011/048921 :24/08/2011 :WO 2012/067685 :NA :NA	(71)Name of Applicant: 1)LUBRIZOL ADVANCED MATERIALS INC. Address of Applicant:9911 Brecksville Road Cleveland Ohio 44141 3247 U.S.A. (72)Name of Inventor: 1)MAKADIA Chetan M.
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(57) Abstract:

A non halogen flame retardant thermoplastic polyurethane composition containing: a) an organic non halogenated flame retardant package which contains non reacted components i) an organic phosphate compound which is melamine free ii) a mixture of an organic phosphate in combination with an organic phosphoric acid; and iii) a zinc oxide b) a stabilizer c) optionally inorganic flame retardant components and d) optionally non flame retardant additives resulting in a TPU composition with excellent tensile strength and improved high flame performance and low smoke properties.

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

(21) Application No.4573/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR CONTROLLING THE GENERATION OF ELECTRICITY APPLIED TO AN AIRCRAFT GAS TURBINE AND DEVICE IMPLEMENTING SUCH A METHOD

(51) International classification :F01D15/10,F02C3/10,F02C7/26 (71)Name of Applicant:

(31) Priority Document No :1060419

(32) Priority Date :13/12/2010 (33) Name of priority country :France

(86) International Application :PCT/FR2011/052935

:12/12/2011 Filing Date

(87) International Publication No: WO 2012/080633

(61) Patent of Addition to ·NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)TURBOMECA

Address of Applicant :BP 2 F 64510 Bordes France

(72)Name of Inventor: 1)LANGFORD Stephen 2)HARRIET Pierre

(57) Abstract:

The invention relates to a method for improving the acceleration efficiency of a gas generator of a gas turbine by reducing the take up of electric power in particular during the transition phases in order to conserve a sufficiently large surge margin for the operating line. To this end the invention provides for increasing the acceleration/deceleration power of the gas generator by adjusting the voltage of the electric network onboard the aircraft. In one embodiment after a phase of starting (50) the gas turbine the voltage of the onboard network (10) is adjusted by a voltage set value (CT) controlled by a step (100) of determining the unballasting/ballasting (E E E) status of a main electricity generation source (7) of the onboard network (10). The status determining step (100) is carried out according to the demand for taking power (P) to be supplied for the propulsion of the aircraft (41). Said status determining step is followed by a step (200) of selecting a voltage set value (CT) from a plurality of levels (U U U) according to the determination of the unballasting/ballasting status and a step (300) of applying the selected set value to a control loop of the voltage (15) supplied to the onboard network (10).

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

(22) Date of filing of Application :22/04/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SPECULUM WITH PLURALITY OF EXTENDABLE MULTI DIRECTIONAL INJECTION NEEDLES

(51) International classification (31) Priority Document No	:A61M5/32,A61B1/303,A61B1/32 :61/384717	(71)Name of Applicant: 1)SHAMIR LEBOVITZ Israel
(32) Priority Date	:21/09/2010	Address of Applicant :Bioterm Pharmaceuticals Ltd 27 Emeck
(33) Name of priority country	:U.S.A.	Bracha St. 67456 Tel Aviv Israel
(86) International Application No Filing Date	:PCT/IL2011/000746 :21/09/2011	(72)Name of Inventor : 1)SHAMIR LEBOVITZ Israel
(87) International Publication No	:WO 2012/038959	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a multi-directional needle assembly for injecting substance into at least one injection site of a patient s body comprising: a. an elongated member (10) having a distal end (12); said distal end having a plurality of openings disposed therein; b. a plurality of needles (20) disposable at least partially within said elongated member adapted to be reconfigured from a FOLDED configuration to a DEPLOYED configuration; said FOLDED configuration being characterized by the position of said needles within said elongated member; said DEPLOYED configuration being characterized by the protrusion of said needles out of said openings; the disposition of said openings is provided according to a predetermined scattering pattern such that (i) at least two separated areas (30 32) within said distal end are provided for injection of said substance into at least two different injection locations at said injection site; and (ii) a DEAD AREA (33) between said two separated areas is obtained.

No. of Pages: 69 No. of Claims: 137

(22) Date of filing of Application :08/02/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: HERBAL CREAM WITH NATURAL ANTIOXIDANTS FOR WOUNDS AND BURNS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS SECTOR 125, NOIDA 201303,UP, INDIA Uttar Pradesh India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA :NA :NA	1)RAJNI SINGH 2)D.D. JOSHI 3)RAJSHREE SAXENA
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	JANISOHNEE SIMENI

(57) Abstract:

The present invention relates to a herbal skin care formulation for topical use that has wound healing properties with strong antioxidant effect on skin. The herbal formulation comprises a composition prepared from the leaf extract of Mulberry (Bombyx mori) mixed with citrus extract enriched in vitamins that are effectively used to treat burns, cuts and wounds. The herbal cream prepared for the skin care composition can be easily formulated in the form of cream and packed in nitrogen atmosphere using suitable preservatives with herbal based base.

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

(21) Application No.4582/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: CELLULOSE SUBSTRATES COMPOSITIONS AND METHODS FOR STORAGE AND ANALYSIS OF BIOLOGICAL MATERIALS

(51) International

:C08B15/06,B01J20/24,G01N33/50 classification

(31) Priority Document No :12/964363 (32) Priority Date :09/12/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/SE2011/051484

No :08/12/2011

Filing Date (87) International Publication :WO 2012/078104

(61) Patent of Addition to :NA **Application Number** :NA

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

Filing Date

(71)Name of Applicant:

1)GENERAL ELECTRIC COMPANY

Address of Applicant: 1 River Road Schenectady NY 12345

2)GE HEALTHCARE BIO SCIENCES AB

(72)Name of Inventor:

1)PADILLA DE JESUS Omayra

2)MOORE David R. 3)ALBERTS William C.

(57) Abstract:

The invention provides a method and article for storing genetic material or analytes from a biological sample by contacting said biological sample with a cellulose substrate comprising structural units of Formula I: Formula (I) wherein X and Y are independently NOLA or O with the proviso that when Y is O then X is NOLA and when X is O then Y is NOLA; L is a direct bond an aliphatic radical an aromatic radical a cycloaliphatic radical or a combination thereof; and A= COOH SO3H or a combination thereof. The invention also relates to a cellulose substrate comprising the structural units of Formula I and a method of manufacturing the same.

No. of Pages: 36 No. of Claims: 39

(22) Date of filing of Application :23/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: RESISTIVE SUPPORT MECHANISM

(51) International

:A47C3/026,A47C1/027,A47C3/30

classification (31) Priority Document No

:61/417258

(32) Priority Date

:25/11/2010 (33) Name of priority country: U.S.A.

(86) International Application

Filing Date

:PCT/CA2011/050733

:24/11/2011

(87) International Publication

:WO 2012/068688

No

(61) Patent of Addition to **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)CORECHAIR INCORPORATED

Address of Applicant : Suite 248 14845 6 Yonge Street Aurora

Ontario L4G 6H8 Canada

(72)Name of Inventor:

1) HARRISON Patrick N.

2)EDWARDS James R.

3)VANDERVELDEN Ken W.

4)BANKS Thomas N.

5)GATER David R.

(57) Abstract:

A motion support mechanism for example for a chair joined to a mounting surface and to a base for providing resistive support to the mounting surface as the mounting surface undergoes one or both of rotational and tilt movement relative to the base. The motion support mechanism includes a support bearing connected to the mounting surface and to the base which permits one or both of tilting and rotational motion of the mounting surface relative to the base a pivot ball sized fixedly attached to a portion of the base and a resistance cartridge fixedly connected to the mounting surface such that the resistance cartridge undergoes movement relative to the base and applies a resistive force on the base as the mounting surface undergoes one or both of rotational and tilt movement. The resistance cartridge includes a cartridge housing and a resilient member in contact relation with the pivot ball and with a wall of the housing such that the resilient member is compressed by the relative movement between the resistance cartridge and the pivot ball to thereby provide the resistive support to the mounting surface. Preferably the resistive support also provides a dampening feature for example by way of the resilient member being formed from a viscoelastic material. A means for varying the resistance applied is provided that permits the distance between the bearing surface and the pivot ball to be varied.

No. of Pages: 44 No. of Claims: 26

(21) Application No.2261/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PACKAGING FOR CYLINDRICAL CONTAINERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:NA :NA :NA :PCT/IB2010/002765 :28/09/2010 :WO 2012/042291	(71)Name of Applicant: 1)BECTON DICKINSON FRANCE S.A.S. Address of Applicant: 11 rue Aristide Berg s BP 4 F 38800 Le Pont de Claix France (72)Name of Inventor: 1)GAGNIEUX Samuel 2)DUBOIS Thomas
` '		
	:28/09/2010	1)GAGNIEUX Samuel
	:WO 2012/042291	2)DUBOIS Thomas
. ,	:NA	
Number	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This packaging comprises a grouping nest (5) for receiving the syringes (2) a packaging tub (6) and a sealing cover (8) for sealing this packaging tub. According to the invention the packaging comprises a plate (7) intended to be positioned closed to the flanges (2a) of the syringe bodies (2) before sealing of the tub (6); this plate (7) comprises at least a first surface (7a) intended to be placed in contact with the flanges (2a) and at least a second surface (7b) located on the side of the cover plate (7) opposite this first surface (7a) the distance between said first surface (7a) and said second surface (7b) being chosen in such a way that when the first surface (7a) lies against the flanges (2a) the second surface (7b) is in contact or in close proximity of the said sealing cover (8).

No. of Pages: 13 No. of Claims: 10

(21) Application No.2605/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/03/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: COMPACT LOW FLOW RESISTANCE AEROSOL GENERATOR AND METHOD OF OPERATING THE SAME

(51) International :A61M11/02,A61M15/02,B05B1/06

classification

(31) Priority Document No (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/US2010/050303 No :24/09/2010

Filing Date

(87) International Publication :WO 2012/039720

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application:NA Number

:NA Filing Date

(71)Name of Applicant:

1)YEATES Donovan B.

Address of Applicant: 1420 Rimrock Drive Escondido CA

92027 1119 Australia (72)Name of Inventor: 1)YEATES Donovan B.

(57) Abstract:

A method and an apparatus are described for generating a concentrated aerosol. A first heated volume flow of pressurized gas a second volume flow of pre- heated dilution gas and a third volume flow of fluid are provided. After creating a droplet aerosol from a solution the aerosol solvent is quickly evaporated for creating a powder aerosol that then concentrated with a virtual impactor. The apparatus comprises a low flow resistance and achieves a high evaporation rate. The apparatus comprises a flow conditioner nozzle nozzle holder and a concentrator.

No. of Pages: 89 No. of Claims: 67

(22) Date of filing of Application :04/04/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CANNULA SYSTEMS AND METHODS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:A61M1/12 :61/402892 :07/09/2010 :U.S.A.	(71)Name of Applicant: 1)SPENCE Paul A. Address of Applicant:620 South 3rd Street Suite 205 Louisville Kentucky 40202 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/050709 :07/09/2011	(72)Name of Inventor: 1)SPENCE Paul A.
(87) International Publication No	:WO 2012/033847	1)SI ENCE I aui A.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed herein is a cannula assembly for directing the flow of material from an organ chamber e.g. blood from the left chamber of the heart and methods of placing the cannula assembly in fluidic communication with the chamber. The cannula assembly includes an elongate tubular member (110) and a coupling assembly (120) disposed at the distal end of elongate tubular member. The elongate tubular member includes a lumen extending from a distal opening at the distal end to a proximal opening at the proximal end. The coupling assembly includes a retaining element (122) and a retention member (124) configured to cooperate with each other and with the portion of the organ wall surrounding the opening in the wall to couple or anchor cannula system (100) to the wall and to provide fluidic communication between the distal opening of the elongate tubular member and the organ chamber.

No. of Pages: 86 No. of Claims: 47

(22) Date of filing of Application :08/02/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: DIETARY SUPPLEMENT FOR TREATING MALATHION INDUCED TOXICITY IN TESTIS.

(51) International classification	:A23L	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KUMUD BALA
(87) International Publication No	:NA	2)HARSHA KHARAKWAL
(61) Patent of Addition to Application Number	:NA	3)DEEPSHIKHA PANDE KATARE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to novel dietary supplement formulation comprising selenium, vitamin C and quercetin along with partially hydrolyzed alata polymer for curing malathion induced toxicity in testis. The formulation enhances sperm count and reduces pesticide induced toxicity in the testis. In addition, the formulation creates a sense of general well being and vitality in patients, increases the appetite, restores health and increases the lifespan of patients diagnosed with pesticide induced toxicity.

No. of Pages: 15 No. of Claims: 7

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CONNECTOR AND COAXIAL CABLE WITH MOLECULAR BOND INTERCONNECTION

(51) International classification	:H01R24/38,H01R9/05	(71)Name of Applicant :
(31) Priority Document No	:12/951558	1)ANDREW LLC
(32) Priority Date	:22/11/2010	Address of Applicant :1100 CommScope Place SE Hickory
(33) Name of priority country	:U.S.A.	North Carolina 28602 U.S.A.
(86) International Application No	:PCT/US2011/052907	(72)Name of Inventor:
Filing Date	:23/09/2011	1)VAN SWEARINGEN Kendrick
(87) International Publication No	:WO 2012/071106	2)FLEMING James
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A coaxial connector in combination with a coaxial cable is provided with an inner conductor supported coaxial within an outer conductor a polymer jacket surrounding the outer conductor. A unitary connector body with a bore is provided with an overbody surrounding an outer diameter of the connector body. The outer conductor is inserted within the bore. A molecular bond is formed between the outer conductor and the connector body and between the jacket and the overbody. An inner conductor end cap may also be provided coupled to the end of the inner conductor via a molecular bond.

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

(21) Application No.3553/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/04/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VACUUM ANCHORING CATHETER

(51) International classification :A61M25/04,A61M25/09

 (31) Priority Document No
 :61/384692

 (32) Priority Date
 :20/09/2010

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

(86) International Application No :PCT/CA2011/001056

Filing Date :20/09/2011
(87) International Publication No :WO 2012/037654

(61) Patent of Addition to Application Number Filing Date :NA

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

:A61M25/04,A61M25/09 (71)Name of Applicant :

1)BRITAMED INCORPORATED

Address of Applicant :150 10451 Shellbridge Way Richmond

British Columbia V6X 2W8 Canada

(72)Name of Inventor:

1)WONDERWALDE Carlos

2)MILLER Amir

(57) Abstract:

Provided is a method for the treatment of blood vessel occlusions comprising the localized anchoring of a catheter during the procedure by temporarily adhering its tip to the occlusion treatment site using a vacuum. Also provided is a catheter with a vacuum anchoring tip controlled by an externally generated vacuum a catheter with a vacuum anchoring tip controlled by a self generated vacuum and a catheter with a vacuum anchoring tip in which the vacuum is controlled by an electronic signal. The localized anchoring method utilizes a vacuum to secure the tip of the catheter in place while allowing a free passage for the wire or dedicated occlusion penetrating device and thereby frees the operator from constantly monitoring the tip position and pushing the catheter to support the advancement of the wire.

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

(21) Application No.4593/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ULTRASONIC WELD COAXIAL CONNECTOR AND INTERCONNECTION METHOD

(51) International :H01R24/38,H01R9/05,B23K20/10 classification

(31) Priority Document No :12/951558

(32) Priority Date :22/11/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/046051

:30/07/2011 Filing Date

(87) International Publication :WO 2012/071082

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant: 1)ANDREW LLC

Address of Applicant: 1100 CommScope Place SE Hickory

North Carolina 28602 U.S.A. (72)Name of Inventor:

1)VAN SWEARINGEN Kendrick

2) ISLAM Nahid

A coaxial connector for interconnection with a coaxial cable with a solid outer conductor by ultrasonic welding is provided with a monolithic connector body with a bore. An annular flare seat is angled radially outward from the bore toward a connector end of the connector; the annular flare seat open to the connector end of the connector. The flare seat may be provided with an annular flare seat corrugation.

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

(21) Application No.4594/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: FRICTION WELD COAXIAL CONNECTOR AND INTERCONNECTION METHOD

(51) International :H01R24/38,H01R9/05,B23K20/12 classification

:WO 2012/071080

(31) Priority Document No :12/951558

(32) Priority Date :22/11/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/046049

:30/07/2011

Filing Date

(87) International Publication

No (61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)ANDREW LLC

Address of Applicant: 1100 CommScope Place SE Hickory

North Carolina 28602 U.S.A. (72)Name of Inventor:

1)VAN SWEARINGEN Kendrick

2)VACCARO Ronald

A coaxial connector for interconnection with a coaxial cable with a solid outer conductor by friction welding is provided with a monolithic connector body with a bore. A sidewall of the bore is provided with an inward annular projection angled toward a cable end of the bore. A sidewall of the inward annular projection and the sidewall of the bore form an annular friction groove open to a cable end of the bore. The annular friction groove is dimensioned with a taper at a connector end of the friction groove less than a thickness of a leading end of the outer conductor. The taper provides an annular material chamber between the leading end of the outer conductor when seated in the friction groove and the connector end of the friction groove.

No. of Pages: 27 No. of Claims: 20

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: APPARATUS AND METHODS FOR MULTIMODE INTERNETWORKING CONNECTIVITY

(51) International classification	:H04L12/28	(71)Name of Applicant:
(31) Priority Document No	:PI 2011003441	1)LEE Chooi Tian
(32) Priority Date	:22/07/2011	Address of Applicant :A 20 03A Rhythm Avenue Persiaran
(33) Name of priority country	:Malaysia	Kewajipan USJ 19 47620 Uep Subang Jaya Selangor Malaysia
(86) International Application No	:PCT/MY2012/000203	(72)Name of Inventor:
Filing Date	:16/07/2012	1)LEE Chooi Tian
(87) International Publication No	:WO 2013/015673	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

This invention presents a digital network system able to concurrently provide multimode internetworking connectivity session over a plurality of disparate network systems from User Premise Device (UPD) to NSP CSP or ASP network gateways and providing a plurality of internetwork environment. The invention also provide the methods for the support of the following internetworking connectivity services concurrently: a) public and shared media Internet services; b) MPLS enabled and IP based Virtual Private Network (VPN) services; c) hybrid network system connection sessions among disparate connection oriented and connectionless network systems; and d) end to end connection oriented and circuit switching connection sessions for VDMI based application services through digital transceiver be it xDSL or VCC based land line or wireless medium.

No. of Pages: 51 No. of Claims: 20

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INTERNATIONAL ALPHA NUMERIC DEMOGRAPHIC IDENTITY CODE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:04/11/2010 :WO 2011/056915 :NA	(71)Name of Applicant: 1)RAMPERSAD Carlyle Address of Applicant: 6603 34th Avenue Nw Seattle WA 98117 U.S.A. (72)Name of Inventor: 1)RAMPERSAD Carlyle
ϵ	:04/11/2010	1)RAMPERSAD Carlyle
(87) International Publication No	:WO 2011/056915	·
. ,	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A universal system and apparatus for the creation storage management manipulation and display of a unique human biometric signature containing both static and dynamic coded information regardless of background or nationality comprising a user interface to receive data regarding life statistics a first set of mappings correlating each life statistic with a coded representation for the life statistic a second set of mappings correlating the coded representation with one of a series of linear positions. Coded life statistics comprise current name sexual identity date of birth country of birth place of birth maiden name of the birth mother name at birth ethnic and tribal classification blood type occupation country and location of residence. Ethnic classifications are combined from birth parents. Location codes are derived from International Civil Aviation Organization codes. The biometric signature is displayed as an alphanumeric string read from left to right and/or as a two dimensional barcode.

No. of Pages: 39 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :17/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INHALER

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A61M15/00 :1020130.9 :26/11/2010 :U.K. :PCT/GB2011/052338	(71)Name of Applicant: 1)VECTURA DELIVERY DEVICES LIMITED Address of Applicant: One Prospect West Chippenham Wiltshire SN14 6FH U.K. (72)Name of Inventor:
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:WO 2012/069854 :NA :NA :NA	2)EASON Stephen 3)CLARKE Roger 4)McGUINNESS Liam
Filing Date	:NA	

(21) Application No.4454/DELNP/2013 A

(57) Abstract:

An inhaler comprising a housing defining a chamber to receive a strip having a plurality of blisters each containing a dose of medicament for inhalation by a user is disclosed. It comprises an actuating lever (14) and a blister strip drive member rotatably mounted in the chamber to sequentially move each blister into a blister opening position. The blister strip drive member and the actuating lever comprise a drive gear (16) and a drive gear element (28) respectively that cooperate to effect rotation of the blister strip drive member in response to rotation of the actuating lever. The drive gear and drive gear element are disposed on the outside of the housing remote from the chamber.

No. of Pages: 53 No. of Claims: 49

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD OF SHRINKING A DATA LOSS WINDOW IN A PACKET NETWORK DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L1/00 :12/952996 :23/11/2010 :U.S.A. :PCT/US2011/061883 :22/11/2011 :WO 2012/071430 :NA :NA	(71)Name of Applicant: 1)FORCE10 NETWORKS INC. Address of Applicant: 350 Holger Way San Jose California 95134 U.S.A. (72)Name of Inventor: 1)KHETAN Vikas 2)SHETTY Hitha
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A packet network device includes a control module one or more line cards each one or which includes a plurality of ingress and egress ports and each of the ingress and egress ports are connected to external network links. The line cards maintain forwarding tables and include functionality that employs information in the forwarding tables to determine how incoming packets of information should be forwarded. The control module includes functionality that operates to learn reachability information about other devices connected to the network that are and to use this reachability information to update forwarding tables maintained on the line cards. The control module also includes an enhance ARP functionality that operates in cooperation with standard ARP functionality and other network protocols included on the control module to diminish the amount of data lost in the event that a link connected to one of the egress ports fails.

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

(21) Application No.4601/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SEAL FOR ANODE CONNECTION TO CABLE AND METHOD OF USE

(51) International (71)Name of Applicant: :H01R4/70,H01R13/52,H01R43/00 classification 1)SCHUTT William R. (31) Priority Document No Address of Applicant :3875 Curly Hill Road Doylestown :NA (32) Priority Date Pennsylvania 19802 U.S.A. :NA (33) Name of priority country: NA (72)Name of Inventor: (86) International Application 1)SCHUTT William R. :PCT/US2010/057760 :23/11/2010 Filing Date (87) International Publication :WO 2012/071032 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A sealing device and method of making it for insulating and sealing a joint electrically connecting a wire or ribbon anode to an electrical cable. The cable is insulated except at an open region where the wire anode is connected to it. The sealing device comprises a body of an insulating material molded in situ about the electrical joint to completely cover it and bond to portions of the electrically insulating covering contiguous with the joint to thereby insulate the joint and prevent the ingress of water or other materials into the joint.

No. of Pages: 12 No. of Claims: 25

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM CONTROL APPARATUS FOR FACILITIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :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)WATANABE Tohru 2)SHIGA Yasuko 3)KAWANO Katsumi 4)SAMESHIMA Shigetoshi 5)KAKUMOTO Yoshiki 6)NAKANO Michiki
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(57) Abstract:

The present invention is related to a system control method of facilities and provides in particular a system control apparatus for facilities wherein a plurality of facilities are made to operate in cooperation with each other according to the characteristics of the facilities to achieve the intended control. The system control apparatus for facilities that makes facilities operate in cooperation with each other is provided with: a facility profile managing means for managing facility profiles that are metadata indicating the electrical characteristics of the facilities; a control scenario managing means for managing a control scenario that has written therein metadata that has declared therein the operations that the facilities are to carry out; a facility detecting means for detecting the facilities to be controlled; an electrical state monitoring means for monitoring the electrical states affected by giving/receiving of power due to the mutual connections between the facilities; a facility selecting means for selecting the facility to be used using metadata written in the control scenario and the facility profiles; and a control executing means for controlling the facility that was selected.

No. of Pages: 38 No. of Claims: 10

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SELF INJECTION DEVICE HAVING NEEDLE COVER WITH ACTIVATION PREVENTER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M5/00 :NA :NA :NA :NA :PCT/US2010/002427 :02/09/2010 :WO 2012/030316 :NA :NA :NA	(71)Name of Applicant: 1)BECTON DICKINSON AND COMPANY Address of Applicant: David M. Fortunato MC 089 1 Becton Drive Franklin Lakes New Jersey 07417 U.S.A. (72)Name of Inventor: 1)CHRISTENSEN Corey
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(57) Abstract:

A drug delivery device including a body (104 116) having a reservoir (160) disposed therein for containing a medicament and an injection needle (152) for penetrating the skin of a patient the needle (152) providing a path for the medicament between the reservoir (160) and the patient. The device also includes a rotor (580) rotatably disposed in the body (104 116) for activating the device upon rotation of the rotor (580) a needle cover (112) for covering the injection needle and a needle cover clip (560) disposed on the needle cover (112) to rotate from a first position preventing rotor rotation to a second position permitting rotor rotation.

No. of Pages: 60 No. of Claims: 14

(21) Application No.2116/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :08/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NEONATAL AND PEDIATRIC CATHETER SYSTEM

(51) International classification	:A61M25/06,A61M5/32	(71)Name of Applicant:
(31) Priority Document No	:61/378966	1)BECTON DICKINSON AND COMPANY
(32) Priority Date	:01/09/2010	Address of Applicant :1 Becton Drive Mail Code 110 Franklin
(33) Name of priority country	:U.S.A.	Lakes New Jersey 07417 1880 U.S.A.
(86) International Application No	:PCT/US2011/050239	(72)Name of Inventor:
Filing Date	:01/09/2011	1)HARDING Weston F.
(87) International Publication No	:WO 2012/031145	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A neonatal intravascular device (10) having an extension tube (80) to relief stress between a catheter adapter (54) and a luer adapter (70) of the catheter assembly (50).

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

(22) Date of filing of Application :16/01/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: MAGNETIC HEAD AND CARD READER EQUIPPED WITH THE MAGNETIC HEAD

Filing Date :04/08	1)NIDEC SANKYO CORPORATION Address of Applicant :5329, SHIMOSUWA-MACHI, SUWA-GUN, NAGANO, 3938511 JAPAN JP2010/063174 (72)Name of Inventor:
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(57) Abstract:

Provided is a magnetic head that can prevent illegally obtaining magnetic information of a card, and furthermore can be downsized. A magnetic head 3 includes: a core; a coil wound on the core; terminals 5 to which ends of the coil are connected; a substrate 8 on which mounted are a demodulating electronic component 6 for demodulating an analog output signal output from the terminals 5 to create a digital demodulated signal, and an encrypting electronic component 7 for encrypting the demodulated signal to create an encrypted signal; a cable 9 for electrically connecting the demodulating electronic component 6 and the terminals 5; and a case body 11 for storing the core, the coil, the terminals 5, and the cable 9. The demodulating electronic component 6 is mounted on one side 8a of the substrate 8, and in the meantime, the encrypting electronic component 7 is mounted on the other side 8b of the substrate 8. The substrate 8 is fixed to the case body 11 in such a way that the demodulating electronic component 6 is placed inside the case body 11 while the encrypting electronic component 7 is placed outside the case body 11.

No. of Pages: 19 No. of Claims: 8

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: RELAY SERVER AND RELAY COMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/56 :2010258259 :18/11/2010 :Japan :PCT/JP2011/005957 :26/10/2011 :WO 2012/066731 :NA :NA :NA	(71)Name of Applicant: 1)Murata Machinery Ltd. Address of Applicant: 3 Minami Ochiai cho Kisshoin Minami ku Kyoto shi Kyoto 6018326 Japan (72)Name of Inventor: 1)TANIMOTO Yoshifumi
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(57) Abstract:

The relay server comprises a VPN group information storage unit an address filter information storage unit and a communication controller. The VPN group information storage unit stores the identification information of routing devices that form a VPN group and routing session information that represents the routing devices connected to each other. The address filter information storage unit stores in correlation with the identification information of the routing devices address filter information that represents counterparts designatable as packet destinations by the routing devices. The communication controller updates the stored content of the address filter information storage unit on the basis of the address filter information received from the routing devices when a VPN is started in the VPN group and performs controls that establish the routing session on the basis of the routing session information.

No. of Pages: 82 No. of Claims: 13

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: OPTICAL ELEMENT COMPRISING A CRACK FREE AEROGEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10/12/2010 :Erance	(71)Name of Applicant: 1)ESSILOR INTERNATIONAL (COMPAGNIE GENERALE DOPTIQUE) Address of Applicant: 147 rue de Paris F 94220 Charenton le Pont France 2)CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE CNRS (72)Name of Inventor: 1)BIVER Claudine 2)CANO Jean Paul 3)COURSON Rmi 4)CALAS ETIENNE Sylvie 5)ETIENNE Pascal
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(57) Abstract:

Method for manufacturing an optical element comprising on its surface cells filled with an aerogel that does not crack during its manufacture or during a subsequent step of impregnating the aerogel with a liquid. The invention also relates to the optical elements that can be obtained using said method.

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

(21) Application No.3180/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/04/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PUMP MODULE BASE PUMP MODULE AND PUMP SYSTEM

(51) International :A61M5/14,A61M5/142,F04B43/12

classification (31) Priority Document No :10187377.6

(32) Priority Date :13/10/2010 (33) Name of priority country: EPO

(86) International Application :PCT/EP2011/067911

:13/10/2011 Filing Date

(87) International Publication: WO 2012/049260

No

(61) Patent of Addition to :NA **Application Number** :NA

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

(71)Name of Applicant:

1)BECKER Michael

1)FRESENIUS KABI DEUTSCHLAND GMBH

Address of Applicant :Else Krner Strasse 1 61352 Bad Homburg Germany (72)Name of Inventor:

(57) Abstract:

The invention relates to a pump module a base pump module and a pump system comprising a pump module and a base pump module. The pump module (1) according to the invention comprises a base part (2) and an elastically deformable membrane (4) the base part (2) and the membrane (4) forming a linear pump channel (5) which is curved in at least some sections. The base part (2) has a pump channel inlet (6) and a pump channel outlet (7) the pump channel inlet (6) and the pump channel outlet (7) being connected to the pump channel (5) for supplying a fluid to the pump channel (5) and leading it off therefrom such that a periodically circulating deformation of the membrane (4) allows a fluid to be pumped through the pump channel (5) from the pump channel inlet (6) to the pump channel outlet (7).

No. of Pages: 57 No. of Claims: 20

(21) Application No.3181/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/04/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PUMP MODULE BASE PUMP MODULE AND A PUMP SYSTEM

(51) International :A61M5/142,A61M5/14,F04B43/14

classification

(31) Priority Document No :10187381.8 (32) Priority Date :13/10/2010 (33) Name of priority country: EPO

(86) International Application :PCT/EP2011/067917

:13/10/2011 Filing Date

(87) International Publication: WO 2012/049263 No

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)FRESENIUS KABI DEUTSCHLAND GMBH

Address of Applicant :Else Krner Strae 1 61352 Bad Homburg

Germany

(72)Name of Inventor: 1)BECKER Michael

(57) Abstract:

The invention relates to a base module for a nutating pump and a nutating pump system. The base module for a nutating pump (40) comprises a nutating pump drive (43) a nutation device (41) a holder (42) for a pump module (1) and a pretensioning device (56) said pretensioning device (56) resiliently pretensioning the pump module (1) accommodated in the holder (42) against the nutation device (41).

No. of Pages: 56 No. of Claims: 5

(21) Application No.4617/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: A SERVO HYDRAULIC PRESS

(51) International classification	:B30B15/16,B30B15/24	(71)Name of Applicant:
(31) Priority Document No	:2010/08886	1)COSKUN-Z METAL FORM MAKINA ENDSTRI VE
(32) Priority Date	:27/10/2010	TIC. A.S.
(33) Name of priority country	:Turkey	Address of Applicant :Osb Mavi Cad. No: 5 Bursa Turkey
(86) International Application No	:PCT/EP2011/057395	(72)Name of Inventor:
Filing Date	:09/05/2011	1)DEMIR Hakan
(87) International Publication No	:WO 2012/055579	2)YORUKOGLU Sancar
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A press comprising at least one cylinder (10); a main servo motor (40) and a first hydraulic pump (41) which is driven by said main servo motor (40) whose one output is connected through hydraulic lines (43 44 54) to said upper chamber (14) and whose other output is connected hydraulically through hydraulic lines (43 44 54) to said lower chamber (15); one auxiliary servo motor (50) and a second hydraulic pump (51) which is driven by the auxiliary servo motor (50) and whose one output is connected to the lower chamber (15) through a hydraulic line (53 55) and to the input of said first hydraulic pump (41) through another hydraulic line (53 43); and an electronic control unit which adjusts the velocities and directions of the main and auxiliary servo motors (40 50) according to the requirements in the free fall pressing and return steps.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: IN LINE CONTACTLESS PRESSURE SENSORS AND METHODS OF MEASURING PRESSURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01L7/00 :10306312.9 :29/11/2010 :EPO :PCT/US2011/061748 :22/11/2011 :WO 2012/074824 :NA :NA :NA	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor: 1)POISSY Stephane
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(57) Abstract:

A pressure sensor includes a housing that includes an interior surface and an axially symmetric liner disposed along the interior surface of the housing where the liner includes an interior surface and an exterior surface. The pressure sensor further includes a sensing member that includes an interior surface and an exterior surface where the interior surface of the sensing member is adjacent to the exterior surface of the liner and the sensing member is configured to expand with the liner. The pressure sensor further includes a strain gauge affixed to the exterior surface of the sensing member.

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

(21) Application No.4619/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD OF FORMING POROUS CERAMIC ARTICLES USING INERT GAS

(51) International :C04B35/195,C04B35/478,B28B3/20 classification

(31) Priority Document No :12/955312 (32) Priority Date :29/11/2010 (33) Name of priority

:U.S.A. country

(86) International

:PCT/US2011/061749 Application No :22/11/2011

Filing Date

(87) International

:WO 2012/074825 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(71)Name of Applicant:

1)CORNING INCORPORATED

Address of Applicant: 1 Riverfront Plaza Corning New York

14831 U.S.A.

(72)Name of Inventor:

1)CHOU Kevin Ying

(57) Abstract:

A method of manufacturing a porous ceramic article is provided that includes injecting a gas into a precursor batch material. The gas is pressurized to a positive gauge pressure. Exemplary gasses that can be injected into the precursor batch material include at least one of nitrogen helium neon argon krypton and xenon. Air can also be injected into the precursor batch material including air in which at least a portion of CO and/or O naturally occurring in air has been removed.

No. of Pages: 26 No. of Claims: 24

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TWO CHAMBERED CONTAINER CUM SYRINGE AND SYRINGE FILLED ARIPIPRAZOLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M5/315 :2010256188 :16/11/2010 :Japan :PCT/JP2011/076385 :16/11/2011 :WO 2012/067141 :NA :NA :NA	(71)Name of Applicant: 1)ARTE CORPORATION Address of Applicant: 2 8 12 Iwamoto cho Chiyoda ku Tokyo 1010032 Japan 2)Otsuka Pharmaceutical Co. Ltd. (72)Name of Inventor: 1)KAKIUCHI Makoto 2)SHIMAZAKI Seiji 3)TAKESHIMA Yasuhiko 4)HIRAOKA Shogo 5)MAESAKA Tadayoshi
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(57) Abstract:

A two chambered container cum syringe (100) provided with: an outer tube (10) having a bypass part (11); a hub luer lock (20); a front stopper (30); a middle stopper (40) that along with the front stopper (30) seals the pharmaceutical preparation (S); an end stopper (50) that along with the middle stopper (40) seals the liquid drug (L); a finger grip (60); and a plunger rod (70) that is connected to the end stopper (50) from the rearward end; wherein a female screw part (64) that twists around the axis line is formed on the inner circumferential surface of the finger grip (60) and a male screw part (73) capable of engaging with the female screw part (64) is formed on the outer circumferential surface of the plunger rod (70).

No. of Pages: 51 No. of Claims: 8

:NA

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PIEZO ELECTRICAL ACTUATOR MODULE AND FUEL INJECTION VALVE

(51) International (71)Name of Applicant: :F02M51/06,F02M61/16,F02M63/00 classification 1)ROBERT BOSCH GMBH (31) Priority Document No Address of Applicant :Postfach 30 02 20 70442 Stuttgart :102010062518.3 (32) Priority Date :07/12/2010 Germany (33) Name of priority (72)Name of Inventor: :Germany 1)KOPF Matthias country (86) International :PCT/EP2011/069111 Application No :31/10/2011 Filing Date (87) International :WO 2012/076255 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

(57) Abstract:

Filing Date

The invention relates to a piezo electrical actuator module (2) in particular for fuel injection valves of fuel injection systems for internal combustion engines comprising an actuator body (3) and at least one transition piece (4). The transition piece (4) has a contact surface (25). According to the invention the actuator body (3) contacts the contact surface (25) of the transition piece (4) with an end face (26) on one end (28) of the actuator body (3). The transition piece (4) has a frame (6) which surrounds the contact surface (25). The frame (6) positions the actuator body (3) at the end (28) thereof on all sides on the contact surface (25). A reliable electrical contacting of outside electrodes (16) of the actuator body (3) is thus possible since a relative movement between the actuator body (3) and the transition piece (4) is prevented. The invention additionally relates to a fuel injection valve (1) having such a piezo electrical actuator module (2).

No. of Pages: 13 No. of Claims: 10

(21) Application No.4612/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SECTION INSULATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60M1/18 :10 2010 051 379.2 :16/11/2010 :Germany :PCT/EP2011/004980 :06/10/2011 :WO 2012/065663 :NA :NA :NA	(71)Name of Applicant: 1)FURRER + FREY AG Address of Applicant: Thunstrasse 35 CH 3000 Bern 6 Switzerland (72)Name of Inventor: 1)FURRER Beat 2)NNLIST Felix 3)APICELLA Daniele
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(57) Abstract:

The invention relates to a section insulator for two aligned rigid conductor rails (1 2) said section insulator forming a closed system in that in the extension of each conductor rail (1 2) a conductive skid (13 15) and an insulating skid (20 21) rigidly connected to the conductive skid are connected to the opposing conductor rail. The lower side of the skids (13 15; 20 21) facing the travel plane is arranged in a contact plane (22). All of the skids (13 15; 20 21) are also height adjustable in relation to the conductor rails (1 2).

No. of Pages: 35 No. of Claims: 10

(21) Application No.4613/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: IMPRESSION GINGIVAL CUFF FOR DENTAL IMPLANTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/406159 :24/10/2010 :U.S.A. :PCT/CA2011/050665 :24/10/2011 :WO 2012/055039 :NA :NA	(71)Name of Applicant: 1)FUDIM Zvi Address of Applicant: 48 Inglewood street Dollard des Ormeaux Qubec H9B 1B8 Canada (72)Name of Inventor: 1)FUDIM Zvi
(62) Divisional to Application Number Filing Date	:NA :NA	
Timig Date	.11/14	

(57) Abstract:

The present invention is a medical device that allows taking accurate impression of dental implant abutment in order to fabricate a high precision restoration. The main purpose of the invention is to displace the soft tissue that surrounds the implant abutment allowing the impression means (conventional or digital) to have an access to the surface of the abutment needed for optimal restoration.

No. of Pages: 34 No. of Claims: 9

(21) Application No.4614/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: VENTED CONTAINER CLOSURE

(51) International :B65D51/16,B65D53/04,B65D41/04 classification

:1019769.7 (31) Priority Document No (32) Priority Date :22/11/2010

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

(86) International :PCT/EP2011/070503 Application No

:18/11/2011 Filing Date

(87) International Publication :WO 2012/069392

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)GREIF INTERNATIONAL HOLDING BV

Address of Applicant : Bergseweg 6 NL 3633 AK Vreeland

Netherlands

(72)Name of Inventor: 1)ABRAHAM Pierre

(57) Abstract:

A container closure comprises an annular region 18 forming a counterface 36 against which a gas permeable liquid impermeable sealing element may be applied so as to urge the sealing element into sealing engagement with the rim of a container opening. The annular region comprises a gas pathway (34 Fig. 4a) from an interior space 20 opposite the container opening to the exterior of the annular region. The gas pathway may be of closed cross section extending through the annular region. Alternatively the gas pathway may be of open sided cross section and provided in the counterface. Yet alternatively the annular region 18 may comprise a washer (28 Fig. 2) with the gas pathway provided at least partly in the washer and/or at least partly in the remainder of the annular region. A gas permeable liquid impermeable sealing foil for bonding to a container rim is also disclosed.

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

(21) Application No.2427/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 19/03/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: A CATHETER ASSEMBLY

(51) International :A61M25/06,A61M39/06,A61M39/26

classification .A01W25/00,A01W39/00,A01

(31) Priority Document No :12/880649 (32) Priority Date :13/09/2010 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2011/050243

Filing Date :01/09/2011

(87) International Publication No :WO 2012/036916

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

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

(71)Name of Applicant:

1)BECTON DICKINSON AND COMPANY

Address of Applicant :1 Becton Drive Mail Code 110 Franklin

Lakes New Jersey 07417 1880 U.S.A.

(72)Name of Inventor: 1)STOUT Marty L.

2)MCKINNON Austin Jason

(57) Abstract:

A catheter assembly (10) is disclosed having a catheter adapter (14) and a needle hub (45). The catheter adapter has an inner lumen (16) with a septum (50) located within the inner lumen. An introducer needle (20) is inserted through the inner lumen. A septum activator (80) also located within the inner lumen such that a distal end of the septum activator contacts the septum. The septum activator has an internal cavity (88) and a cavity seal (131) forming a surface of the internal cavity.

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

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: AN APPARATUS FOR EXTRACORPOREAL BLOOD TREATMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61M1/36 :10012243.1 :30/09/2010 :EPO :PCT/IB2011/002097 :08/09/2011 :WO 2012/042322 :NA :NA	(71)Name of Applicant: 1)GAMBRO LUNDIA AB Address of Applicant: P.O. Box 10101 S 220 10 Lund Sweden (72)Name of Inventor: 1)SUFFRITTI Mauro 2)CARPANI Michela
Filing Date	:NA	

(57) Abstract:

An apparatus for extracorpo real blood treatment, comprising a treatment unit (2) having a first chamber (3) and a sec ond chamber (4) separated from one another by a semipermeable membrane (5), a blood removal line (6) connected in inlet with the first chamber (3) and a blood return line (7) connected in outlet with the first chamber; an infusion line (9;9a, 9b) of a replacement fluid and a fluid evacuation line (10) connected in outlet from the second chamber. A regulating device (20) of a transmembrane pressure is active on at least one of the lines and a con trol unit (15) is configured to: command the regulating device (20) by setting a first in crease (STMPi), determine a value of a con trol parameter (q>i) corresponding to the first increase, compare the value of the control p a rameter (q>i) with a reference value () and, if the value of the control parameter is greater than the reference value, command the regulating device (20) by setting a second in crease (STMP 2) which is greater than the first o FIG.3 increase (STMPi).

No. of Pages: 40 No. of Claims: 20

(21) Application No.4620/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: GREY IRON ALLOY AND BRAKE DISC CONTAINING GREY IRON ALLOY

(51) International classification :C22C37/06,C22C37/00,C22C37/10

(31) Priority Document No :10512762

(32) Priority Date :02/12/2010(33) Name of priority country :Sweden

(86) International Application :PCT/SE2011/051441

No :29/11/2011 Filing Date

(87) International Publication :WO 2012/074470

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA

Filing Date (57) Abstract :

(71)Name of Applicant : 1)SCANIA CV AB

Address of Applicant :S 151 87 Sdertlje Sweden

(72)Name of Inventor: 1)SKOGLUND Peter 2)ERHAV Dan

3)STENFORS Sven Eric 4)TAMMINEN Jarmo 5)WILBERFORS Fredrik 6)THIBBLIN Anders

7)HAMMERSTR-M Lars

The invention relates to a grey iron alloy containing (in wt%): $C: \le 4.2 \%$ Si: < 1.30 % Mn: 0.4 0.8 % Nb: 0.05 0.4 % Cr: $\le 0.4 \%$ Cu: $\le 0.7 \%$ V + Ti + Mo: $\le 0.4 \%$ P: < 0.05 % S: < 0.1 % the remainder comprising Fe and naturally occurring impurities and the degree of saturation Sc expressed as %C/(4.26 0.317(%Si) + 0.027(%Mn) 0.3(%P)) > 1.

(21) Application No.4621/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: COMPOSITIONS 1-1 AND PRODUCTS AND USES THEREOF

:NA

(51) International classification :A61L15/26,A61L15/42 (71)Name of Applicant : (31) Priority Document No 1)SMITH & NEPHEW PLC :1020005.3 (32) Priority Date :25/11/2010 Address of Applicant: 15 Adam Street London WC2N 6LA (33) Name of priority country :U.K. (86) International Application No :PCT/GB2011/001649 (72)Name of Inventor: Filing Date :25/11/2011 1)PHILLIPS Marcus Damian :WO 2012/069793 (87) International Publication No (61) Patent of Addition to Application $\cdot NA$:NA Filing Date (62) Divisional to Application Number :NA

(57) Abstract:

Filing Date

A curable composition apportioned between at least one Part A and at least one Part B the Parts sealed within barrier means in manner to prevent contamination thereof the composition comprising: (i) one or more alkenyl containing prepolymers having at least one alkenyl moiety per molecule ii) one or more SiH containing prepolymers having at least one SiH unit per molecule and additionally: (iii) a catalyst for curing by addition of alkenyl containing prepolymer (i) to SiH containing prepolymer (ii) wherein the at least one Part A and at least one Part B are provided within or upon at least two respective receptacles or supports and are adapted to be dispensed or released therefrom in cooperative manner facilitating intimate contact and curing thereof wherein the receptacle(s) or support(s) for at least one of Part A and Part B is thermally stable at elevated temperature of 123 C for a period in excess of 18 hours methods for preparing the composition methods for sterilisation thereof medical and non medical use thereof a device incorporating the composition and a precursor therefor including its sterilisable precursor composition in particular a terminally sterilisable or terminally sterile composition for medical use particularly in wound therapy more particularly as a wound packing material which can be shaped and configured to the shape of a wound most particularly for application in negative pressure wound therapy (NPWT).

(21) Application No.4623/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LUGGAGE WITH A RECESSED ZIPPER

:WO 2012/056009

(51) International classification :A45C13/10,A45C5/00,A45C13/26

(31) Priority Document No :61/408346 (32) Priority Date :29/10/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/EP2011/069011

No :28/10/2011

Filing Date .28/10/2

(87) International Publication No

(61) Patent of Addition to
Application Number
:NA
:NA

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

Filing Date

(71)Name of Applicant:

1)SAMSONITE IP HOLDINGS S.a.r.l.

Address of Applicant :13 15 Avenue de la Libert L 1931

Luxembourg Luxembourg (72)Name of Inventor:

1)MEERSSCHAERT Reinhard

2)SANTY Dirk

(57) Abstract:

A piece of luggage may include a front side a rear side a top side a bottom side a right side and a left side that define an enclosed space. The enclosed space may be divided into one or more compartments. The luggage may further include at least one zipper to access the enclosed space. The at least one zipper may include a zipper track at least one zipper slider and at least on zipper tab. At least a portion of the zipper track may be positioned within one or more recessed areas defined by at least some of the sides of the luggage. In some embodiments the zipper track may be positioned within the one or more recessed areas along substantially the entire length of the zipper track.

(21) Application No.4624/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: COMPOSITION I-II AND PRODUCTS AND USES THEREOF

(51) International :C08L83/04,A61L26/00,A61M1/00

classification

(31) Priority Document No :1019997.4 (32) Priority Date :25/11/2010

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

(86) International Application :PCT/GB2011/001652

:25/11/2011 Filing Date

(87) International Publication :WO 2012/069794

(61) Patent of Addition to **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant: 1)SMITH & NEPHEW PLC

Address of Applicant :15 Adam Street London Greater

London WC2N 6LA U.K.

2) BLUESTAR SILICONES FRANCE SAS

(72)Name of Inventor:

1)PHILLIPS Marcus Damian

2)BLANC Delphine

(57) Abstract:

A curable composition apportioned between at least one Part A and at least one Part B the Parts sealed within barrier means preventing contamination the at least one Part A comprising: (i) one or more alkenyl group containing prepolymers having at least one alkenyl group or moiety per molecule and the at least one Part B comprising: (ii) one or more SiH containing prepolymers having at least one Si H unit per molecule; the composition additionally comprising: (iii) a catalyst for curing by addition of alkenyi containing prepolymer (i) to SiH containing prepolymer (ii) wherein prepolymer (ii) is substantially absent from Part A and prepolymer (i) is substantially absent from Part B methods for preparing the composition methods for sterilisation thereof medical and non medical use thereof a device incorporating the composition and a precursor therefor including its sterilisable precursor composition in particular a terminally sterilisable or terminally sterile composition for medical use particularly in wound therapy more particularly as a wound packing material which can be shaped and configured to the shape of a wound most particularly for application in negative pressure wound therapy (NPWT).

(21) Application No.4625/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: VEHICLE INSTRUMENT

(51) International :G01D11/28,B60K35/00,G09F13/18 classification

(31) Priority Document No :2010262634 (32) Priority Date :25/11/2010

(33) Name of priority country: Japan

(86) International Application: PCT/JP2011/005760

:14/10/2011 Filing Date

(87) International Publication :WO 2012/070183

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

4488661 Japan

1)DENSO CORPORATION

(71)Name of Applicant:

Address of Applicant: 1 1 Showa cho Kariya city Aichi

2)TOYOTA JIDOSHA KABUSHIKI KAISHA

(72)Name of Inventor:

1)SUMI Akira

2) ISHIYAMA Takahiro

(57) Abstract:

Provided is a vehicle instrument which adopts edge light illumination for guiding illumination light into a display plate (1) from an edge portion (3) disposed to the side of the display plate (1) on which a scale (2) is formed the vehicle instrument having an indicator which is disposed on the back of the display plate (1) and is formed of an inscription portion (5). The inscription portion (5) is constituted of at least a numeral inscription portion (5a) which is printed on the back of the display plate (1) and represents a numeral itself and a three dimensional display portion (5b) which is provided on the position of the shadow of the numeral inscription portion (5a) and displays the numerical inscription portion (5a) three dimensionally. The three dimensional display portion (5b) is formed of a V letter cut (5b1) having an inclined surface (10) which is recessed from the back surface side of the display plate (1) to the front surface side thereof. The illumination light by the edge light illumination is reflected on the inclined surface (10) thereby causing the three dimensional display portion (5b) which displays the inscription portion (5) three dimensionally to emit light during the night.

(22) Date of filing of Application :30/04/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: CARD MEDIUM PROCESSING DEVICE AND CONTROL METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06K 17/00 :2009-267789 :25/11/2009 :Japan :PCT/JP2010/070758 :22/11/2010 :WO 2011/065315 :NA :NA :NA	(71)Name of Applicant: 1)NIDEC SANKYO CORPORATION Address of Applicant:5329, SHIMOSUWA-MACHI, SUWA-GUN, NAGANO 3938511 JAPAN (72)Name of Inventor: 1)ORII, TSUTOMU
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(57) Abstract:

Provided is a control method of a card medium processing device, which is able to detect an error of a detection means for detecting a card medium having been inserted. Specifically, the card medium processing device is controlled by means of the control method including: a first judgment step S1 for judging whether or not a card medium having been inserted is detected by a first detection means for detecting the card medium having been inserted; a second judgment step S6 for judging whether or not the card medium having been inserted is detected by a second detection means for detecting the card medium having been inserted, the second detection means being placed at a position behind the first detection means further away toward a rear side in an inserting direction for the card medium; and a processing step S9 for carrying out a predetermined process, supposing that the first detection means has an error, under a situation where the first judgment step S1 does not detect the card medium having been inserted while the second judgment step S6 detects the card medium having been inserted.

(21) Application No.386/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : A FERMENTED IMMUNO-MODULATOR BEVERAGE AND PROCESS FOR THE PREPARATION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:A23L :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA, UP, INDIA (72)Name of Inventor: 1)CHARU GUPTA
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	2)DHAN PRAKASH

(57) Abstract:

The present invention relates to a novel immunomodulator functional food composition fortified with natural antioxidants and a process for the preparation thereof. The composition essentially comprises a nutritional base having roasted and powdered seeds of chickpea/Bengal gram (Cicer arietinum), pigeon pea/Arhar (Cajanus cqjan), winged bean (Psophocarpus tetragonolobus) and amaranth (Amaranthus hypochondriacus). The nutritional base is fortified with an herbal extract obtained from immature green pods of Babul (Acacia arabica), roots of Ashwagandha (Withania somniferd), aerial parts of Punarnava (Boerhaavia diffusa) and Manduk parni (Centella asiaticd). The product is further supplemented with natural sweetener like jaggery and cane sugar and optionally flavored with any desired flavour selected from a group of cardamom/elaichi (Elletaria cardamom), dalchini (Cinnamomum zeylanicum), vanilla, chocolate, and ginger (Zingiber officinale). Food grade preservatives may be added to enhance the shelf life. The functional food product is antioxidant, immunomodulator and nutritious with high satiety value. The product can be used in the form of powder mixed with milk or warm water, granules, biscuits and candies.

(21) Application No.4489/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BUTTERFLY NASAL MASK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A61M16/06 :61/406315 :25/10/2010 :U.S.A. :PCT/EP2011/068685 :25/10/2011	(71)Name of Applicant: 1)INSLEEP TECHNOLOGIES LLC Address of Applicant: 3040 Universal Boulevard Suite 150 Weston FL 33331 U.S.A. (72)Name of Inventor: 1)BAECKE Martin 2)BORGWARD Marcel
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A nasal interface including a hard base (5) and a soft pad portion (10) with angled butterfly wing portions (15 20). The soft pad portion (10) is connected to the hard base portion (5) and in some arrangements can be removed from the hard base portion (5). The soft pad portion (10) includes a bellows (60) positioned between a lower boarder (55) and the butterfly wings (15 20).

(21) Application No.4628/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: POLICY AND/OR CHARGING CONTROL

(51) International :H04L12/14,H04W4/24,H04M15/00 classification (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country:NA (86) International Application: PCT/EP2010/070079 :17/12/2010 Filing Date (87) International Publication :WO 2012/079647

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant :SE 164 83 Stockholm Sweden

(72)Name of Inventor:

1)P%REZ MARTINEZ Alfonso de Jesus 2)ALVAREZ DOMINGUEZ Rodrigo

3)CAMPO GIRALTE Luis 4)RUBIO VIDALES Jose

(57) Abstract:

The present invention relates to the implementation of policy and/or charging control for an IP Connectivity Access Network session established for a user that enables the user to select one of several Quality or Service levels and an associated charging rate that can be provided to the user for an identified traffic type that is being sent over the IP CAN session. A set of Policy and Charging Control rules that apply the selected QoS level and the associated charging rate are then generated and applied to traffic of the identified type that is sent over the IP CAN session.

(21) Application No.2391/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 18/03/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: INHALER

		(71)Name of Applicant :
(51) International classification	:A61M15/00	1)NOVARTIS AG
(31) Priority Document No	:61/388317	Address of Applicant :Lichtstrasse 35 CH 4056 Basel
(32) Priority Date	:30/09/2010	Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/066941	1)DUDLEY Steven
Filing Date	:28/09/2011	2)PALMER FELGATE John
(87) International Publication No	:WO 2012/041938	3)REYNOLDS Sean
(61) Patent of Addition to Application	:NA	4)BREAKWELL Iain
Number	*	5)JAMIN Jon
Filing Date	:NA	6)AUGUSTYN Steve
(62) Divisional to Application Number	:NA	7)SMETHAM Grant
Filing Date	:NA	8)KAYE Laura
		9)McGARVA John

(57) Abstract:

An inhaler the inhaler including a body (104) and a cartridge (106) the cartridge comprising a dose storage portion (122) and an airway (124) the dose storage portion being suitable for containing a plurality of doses of an inhalable medicament the airway including a mouthpiece (128) at an end thereof the inhaler device configured and arranged such that a dose of inhalable medicament from the dose storage portion can be accessed and arranged in a delivery configuration for delivery to a user through the airway upon inhalation through the mouthpiece by the user the inhaler characterised in that the cartridge is replaceably removable from the body.

(21) Application No.3866/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :01/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INJECTION DEVICE

(51) International classification :A61M5/20,A61M5/315 (71)Name of Applicant : (31) Priority Document No 1)OWEN MUMFORD LIMITED :61/411100 (32) Priority Date :08/11/2010 Address of Applicant :Brook Hill Woodstock Oxford (33) Name of priority country Oxfordshire OX20 1TU U.K. :U.S.A. (86) International Application No :PCT/GB2011/052175 (72)Name of Inventor: Filing Date 1)EATON Mark :08/11/2011 (87) International Publication No :WO 2012/063061 2)COWE Toby

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

(57) Abstract:

An injection device comprises a housing (40) for containing a syringe or cartridge (14) of medicament; a rotary drive shaft (20) for being rotated by an adjustable preset amount to cause expression of a corresponding amount of medicament from said syringe or cartridge; a torsion drive spring (24) anchored at one end region relative to said drive shaft (20) and at its other end region being secured to a fitting (44) adapted to non rotatably engage a seat (48 50) on said housing.

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: IRIS IDENTIFICATION METHOD OF A PERSON (ALTERNATIVES)

Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:29/10/2010 :WO 2012/057645 :NA :NA	(71)Name of Applicant: 1)ANTONOV Dmitry Evgenievich Address of Applicant :ul. Raskovoi 25 43 Moscow 125040 Russia (72)Name of Inventor: 1)ANTONOV Dmitry Evgenievich
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The inventions are directed towards increasing identification accuracy and speed. The result mentioned is achieved in that the iris identification method of a person comprises recording a colour image of the iris and subsequently processing said image in a plurality of different spectral (colour) ranges and forming an identification code according to the wavelength of the light radiation reflected from each element of the iris wherein the identification of a person is established in concurrence with the identification codes. The result mentioned is achieved in that the iris identification method of a person comprises recording an image of the iris in a plurality of spectral (colour) ranges and subsequently processing said image in said plurality of different spectral ranges and forming an identification code according to the calculated wavelength of the light radiation reflected from each element of the iris wherein the identification of a person is established in concurrence with the identification codes.

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MEASUREMENT ON A DATA FLOW IN A COMMUNICATION NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L12/26,H04L12/56 :NA :NA :NA :PCT/EP2010/066955 :05/11/2010 :WO 2012/059138 :NA :NA	(71)Name of Applicant: 1)TELECOM ITALIA S.p.A. Address of Applicant: Piazza degli Affari 2 I 20123 Milano Italy (72)Name of Inventor: 1)COCIGLIO Mauro 2)CASTALDELLI Luca
· /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

It is disclosed a method for performing a measurement (namely a data loss measurement and/or a time measurement) on a data flow to be transmitted in a communication network. The method comprises: upon transmission of the data flow during first block periods that alternate in time with second block periods marking each data unit of the data flow by setting a feature thereof to a first value and updating a first parameter; upon reception of the data flow checking the feature for each received data unit and updating a second parameter when the feature is equal to the first value; while transmission and reception are performed processing a timer for determining whether a current block period is one of the second block periods and in the affirmative providing current values of the first and second parameters; and performing a measurement using the current values of the first and second parameters.

(21) Application No.2447/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : IMPLANT DEVICE TOOL AND METHODS RELATING TO TREATMENT OF PARANASAL SINUSES

(57) Abstract:

An implant device is configured to be implanted in a fistula to fluidly connect the lacrimal apparatus and a paranasal sinus. A surgical tool has an implant the implant device mounted on a carrier. Various methods involve a fistula between the lacrimal apparatus and a paranasal sinus. A kit includes an entry device for use to form a fistula and an implant tool for use to implant an implant device following formation of a fistula.

(21) Application No.2566/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: HANDS FREE BREAST PUMP SYSTEM

	:A61M1/06,A61M39/10,A61J9/00	
(31) Priority Document No	:12/898600	1)BRITTNER Lyndon
(32) Priority Date	:05/10/2010	Address of Applicant :P.O. Box 234 Provo UT 84603 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No Filing Date	:PCT/US2011/054649 :03/10/2011	1)BRITTNER Lyndon
(87) International Publication No	:WO 2012/047818	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A hands free breast pump system is disclosed. A breast shield having an adhesive inner surface for adhering to a woman s breast is disclosed. The breast shield may be connected to an adapter for transferring a vacuum generated by a pump to the breast. The adapter also allows milk expressed from the breast to drain from the adapter to a container. In the alternative the breast shield may form part of a breast shield adapter system which is connected to a conventional breast shield by a drain line so that a conventional breast pump system is used to supply a vacuum and to collect the milk.

(21) Application No.4631/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : DOWNHOLE FLUID FLOW CONTROL SYSTEM AND METHOD HAVING DIRECTION DEPENDENT FLOW RESISTANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:E21B43/12 :12/966772 :13/12/2010 :U.S.A. :PCT/US2011/062190 :28/11/2011 :WO 2012/082343 :NA :NA	(71)Name of Applicant: 1)HALLIBURTON ENERGY SERVICES INC. Address of Applicant: 2601 Beltline Road Carrollton TX 75006 U.S.A. (72)Name of Inventor: 1)LOPEZ Jean marc
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A downhole fluid flow control system (100). The flow control system (100) includes a flow control component (122) having direction dependent flow resistance created by a vortex chamber (144). Production fluids (140) that travel through the flow control component (122) in a first direction enter the vortex chamber (144) traveling primarily in a tangential direction (148) to experience a first pressure drop. Injection fluids (150) that travel through the flow control component (122) in a second direction enter the vortex chamber (144) traveling primarily in a radial direction (152) to experience a second pressure drop. The pressure drop created by the tangential flow (148) of the production fluids (140) is greater than the pressure drop created by the radial flow (152) of the injection fluids (150).

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR FEEDING HOT GAS TO A SHAFT FURNACE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C21B7/16 :91 764 :10/12/2010 :Luxembourg :PCT/EP2011/072373 :09/12/2011 :WO 2012/076707 :NA :NA :NA	(71)Name of Applicant: 1)PAUL WURTH S.A. Address of Applicant: 32 rue dAlsace L 1122 Luxembourg Luxembourg (72)Name of Inventor: 1)THILLEN Guy 2)HAUSEMER Lionel 3)DE GRUITER Christian
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(57) Abstract:

The present invention proposes a method for feeding hot gas to a shaft furnace in particular into a blast furnace. The method comprises providing a tuyere stock arrangement comprising a bustle pipe (56) arranged for receiving hot gas form a gas main (58) and a plurality of tuyere stocks (18) for feeding hot gas from said bustle pipe (56) into said shaft furnace said tuyere stocks (18) being arranged around the circumference of said shaft furnace each tuyere stock (18)comprising a downleg section (39) for connection to a bustle pipe; a blowpipe (34) for feeding the hot gas to the shaft furnace through a tuyere arranged in an opening in a shell (12) of the shaft furnace; and an elbow (37) arranged between the downleg section (39) and the blowpipe (34). According to an aspect of the invention a Laval type restriction (40 40 40) is arranged in the tuyere stock (18).

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: STEAM CONDENSATION TOWER FOR A GRANULATION INSTALLATION

(51) International classification :F27B1/10,F27D15/02,C21B3/06 (71) Name of Applicant: (31) Priority Document No :91765

:30/09/2011

(32) Priority Date :14/12/2010 (33) Name of priority country :Luxembourg

(86) International Application :PCT/EP2011/067176

No Filing Date

(87) International Publication No:WO 2012/079797

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)PAUL WURTH S.A.

Address of Applicant :32 rue dAlsace L 1122 Luxembourg

(72)Name of Inventor: 1)GREIVELDINGER Bob

(57) Abstract:

The invention relates to a granulation installation (10) for a melt produced in a metallurgical plant especially for blast furnace slag. It has a water injection device (20) for quenching and thereby granulating the melt and a granulation tank (18) for collecting water and granulates. A steam condensation tower (30) is located above the granulation tank (18) for collecting steam generated in the tank (18). The tower (30) has a steam condensing system with a water spraying device (40) and a water collecting device (42) below the water spraying device (40). According to the invention the tower (30) is equipped with a stack (60) for selectively evacuating excessive steam to the atmosphere. This stack (60) has an inlet (62) communicating with the lower zone (44) of the condensation tower (30) and an outlet (64) arranged to evacuate steam to the atmosphere above the condensation tower (30). Furthermore the stack (60) is equipped with an obturator device (70) for selective evacuation of steam through the stack (60). The installation according to the invention may process an increase of 60% of slag e.g. around +5 t/min of slag in a system having a condensation capacity designed to handle a maximum slag flow rate of 8 t/min without any risk of steam backflow in the granulation area.

(21) Application No.4634/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE FOR PROTECTION AGAINST GRENADES WITH SHAPED CHARGES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F41H5/02,F41H7/04 :10512077 :17/11/2010 :Sweden :PCT/SE2011/051372 :15/11/2011 :WO 2012/067574 :NA :NA	(71)Name of Applicant: 1)BAE SYSTEMS H,,GGLUNDS AKTIEBOLAG Address of Applicant: S 891 82 –rnskldsvik Sweden (72)Name of Inventor: 1)SVENSSON Gsta 2)SILVOLA Pekka
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a protection device (10) for protection against so called RSV grenades comprising a grid configuration (20) with at least one profile element arranged to affect the electric detonation release arrangement (52) of such a grenade (50) by means of short circuiting characterized in that said at least one profile element (30; 30a; 30b; 30c; 30d; 30e; 30f) has a cross section being tapering in the principal incoming direction of the grenade. The invention also relates to a motor vehicle.

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: SEMICONDUCTOR COMPONENTS AND PROCESS FOR THE PRODUCTION THEREOF

(51) International :H01L31/18,H01L31/0236,H01L31/0288 classification

(31) Priority Document :10 2010 061 831.4

(32) Priority Date :24/11/2010

(33) Name of priority country

:Germany

(86) International

:PCT/EP2011/070706 Application No :22/11/2011 Filing Date

(87) International

:WO 2012/069488 Publication No

(61) Patent of Addition

Filing Date

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

(71)Name of Applicant:

1)FRAUNHOFER GESELLSCHAFT ZUR F-RDERUNG

DER ANGEW. FORSCHUNG E.V.

Address of Applicant : Hansastrae 27c 80686 M¹/₄nchen

Germany

(72)Name of Inventor: 1)SCHADE Wolfgang

(57) Abstract:

The invention relates to a process for producing a light absorbing semiconductor component (10) in which process at least a partial area (240) of a semiconductor substrate (100) is irradiated with a plurality of laser pulses of a predefinable length wherein the pulse shape of the laser pulses is adapted to at least one predefinable desired shape by modulation of the amplitude and/or of the polarization. Furthermore the invention relates to a semiconductor component (10) for converting electromagnetic radiation into electric power comprising a crystalline semiconductor substrate (100) with a first side (101) and an opposite second side (102) wherein a dopant is introduced at least in a partial volume (110) of the semiconductor substrate (100) which adjoins the first side such that a first pn junction (21) is formed between the partial volume (110) and the semiconductor substrate (100) wherein at least a first partial area (240) of the second side (102) is provided with a dopant and a surface modification such that a second pn junction (22) is formed.

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: MOBILE POWER SYSTEM

(51) International

:F01D15/10,F01B23/10,F02B63/04

classification

(19) INDIA

(31) Priority Document No :12/973343 (32) Priority Date :20/12/2010

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

(86) International Application

:PCT/US2011/057046

:20/10/2011 Filing Date

(87) International Publication

:WO 2012/087417

No

(61) Patent of Addition to **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SOLAR TURBINES INCORPORATED

(21) Application No.4636/DELNP/2013 A

Address of Applicant :2200 Pacific Highway San Diego CA

92186 5376 U.S.A.

(72)Name of Inventor:

1)WILLIAMS James Vernon

(57) Abstract:

A mobile power system (10) includes a first transportable body (20) including a generator assembly and a second transportable body (30) including a turbine assembly. One end of the second transportable body is attached to and faces an end of the first transportable body such that the first and second transportable bodies are generally collinear. The mobile power system also includes a third transportable body (40) including auxiliary equipment and a fourth transportable body (50) including electrical equipment (52). The third transportable body includes a portion that is generally aligned with at least a portion of the first and second transportable bodies along a direction that is generally perpendicular to a longitudinal direction of the third transportable body. The third transportable body is located between the fourth transportable body and the first and second transportable bodies. The first second third and fourth transportable bodies are substantially parallel and are separately transportable.

(21) Application No.4637/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ENGINE LUBRICANT COMPOSITION

:NA

(51) International classification (31) Priority Document No :FR10/59815 (32) Priority Date :26/11/2010 (33) Name of priority country :France

(86) International Application No :PCT/IB2011/055269 Filing Date :24/11/2011

(87) International Publication No :WO 2012/070007

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date

:C10M169/04,C10N40/10 (71)Name of Applicant :

1)TOTAL RAFFINAGE MARKETING

Address of Applicant :24 Cours Michelet F 92800 Puteaux

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor: 1)OBRECHT Nicolas 2)GUERIN Julien 3)KHELIDJ Nadjet

(57) Abstract:

The present invention relates to lubricant compositions comprising: (a) one or more polyalkylene glycol base oils obtained by polymerization or copolymerization of alkylene oxides comprising from 3 to 8 carbon atoms including at least one butylene oxide and (b) at least one detergent chosen from salicylates or phenates. The present invention also relates to the use of a lubricant composition according to the invention as engine oil preferably as oil for the engines of petrol or diesel motor vehicles. The present invention also relates to the use of a group of additives for an engine lubricant comprising polyalkylene glycol bases obtained by polymerization or copolymerization of alkylene oxides comprising from 3 to 8 carbon atoms. The present invention also relates to the use of at least one additive chosen from salicylates phenates dithiocarbamates amine based or phenol based antioxidants preferably from salicylates or phenates for reducing the Noack volatility of the base oils of polyalkylene glycol type obtained from alkylene oxides comprising from 3 to 8 carbon atoms.

(21) Application No.4300/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ORAL COMPOSITIONS AND METHOD FOR PRODUCING THEREOF

(51) International classification (31) Priority Document No	:A61Q11/00,A61K8/73,A61K8/92 :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application No Filing Date	:PCT/US2010/060103 :13/12/2010	(72)Name of Inventor : 1)GU Ben 2)HASSAN Mahmoud
(87) International Publication No	:WO 2012/082101	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods of preparing a dentifrice comprising polymer matrix film with a low solubility flavorant therein are disclosed. The methods comprise combining a polymer matrix film that are free of a low solubility flavorant with a dentifrice base comprising a low solubility flavorant and maintaining the combined polymer matrix film with the dentifrice base comprising low solubility flavorant for an amount of time sufficient for an amount of a low solubility flavorant to transfer from the dentifrice base comprising low solubility flavorant to the polymer matrix film Products comprising low solubility flavorant free polymer matrix film in a dentifrice base comprising low solubility flavorant are also disclosed.

(21) Application No.4301/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :14/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ORAL COMPOSITIONS AND METHOD FOR PRODUCING THEREOF

(51) International classification	1:A61Q11/00,A61K8/73,A61K8/92	(71)Name of Applicant:
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application	:PCT/US2010/060088	(72)Name of Inventor:
No	:13/12/2010	1)GU Ben
Filing Date	.13/12/2010	2)HASSAN Mahmoud
(87) International Publication	:WO 2012/082098	
No	6 2012, 662696	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract:

Methods of preparing a dentifrice comprising polymer matrix film with a low solubility flavorant therein are disclosed. The methods comprise combining a polymer matrix film that are free of a low solubility flavorant with a dentifrice base comprising a low solubility flavorant and maintaining the combined polymer matrix film with the dentifrice base comprising low solubility flavorant for an amount of time sufficient for an amount of a low solubility flavorant to transfer from the dentifrice base comprising low solubility flavorant to the polymer matrix film Products comprising low solubility flavorant free polymer matrix film in a dentifrice base comprising low solubility flavorant are also disclosed.

(21) Application No.4642/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: PRODUCTION OF SYNTHESIS GAS BY HEATING OXIDIZED BIOMASS WITH A HOT GAS OBTAINED FROM THE OXIDATION OF RESIDUAL PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C10J3/00 :61/455992 :29/10/2010 :U.S.A. :PCT/CA2011/001172 :18/10/2011 :WO 2012/055012 :NA :NA	(71)Name of Applicant: 1)ENERKEM INC. Address of Applicant:1010 Sherbrooke Ouest Bureau 1610 Montral Qubec H3A 2R7 Canada (72)Name of Inventor: 1)PAQUET Antonin 2)GAGNON Martin 3)CHORNET Esteban
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for producing synthesis gas or syngas from biomass. The process comprises contacting biomass with oxygen or oxygen and steam in an amount effective to oxidize the biomass and to heat the biomass to a temperature to no greater than 750°C. At least one combustible material also is contacted with oxygen and steam to heat the at least one combustible material to a temperature of at least 1 100°C to provide a hot gas derived from the oxidized combustible material. The latter maybe residual products derived from the process itself as char tar or hydrocarbons. The oxidized biomass then is contacted with the hot flue gas to heat the biomass to a temperature of at least 900°C thereby producing synthesis gas. The synthesis gas then is recovered. Such process provides a method of providing heat for producing synthesis gas without consuming a portion of the synthesis gas to provide such heat thereby providing an increased yield of synthesis gas.

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE AND METHOD FOR DETERMINING A DISEASE ACTIVITY

(51) International classification	:A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:10192684.8	1)HEMICS B.V.
(32) Priority Date	:26/11/2010	Address of Applicant :Torenallee 20 unit 7.034 NL 5617 BC
(33) Name of priority country	:EPO	Eindhoven Netherlands
(86) International Application No	:PCT/EP2011/071043	(72)Name of Inventor:
Filing Date	:25/11/2011	1)RENSEN Wouter Harry Jacinth
(87) International Publication No	:WO 2012/069637	2)DE BOKX Pieter Klaas
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

For determining a disease activity as a single value by means of optical measurements in order to facilitate an analysis of a current disease status and a future course of disease thus assisting a doctor s diagnosis or decision on a therapy a system and a method are provided wherein a blood perfusion is varied in an area of interest; the area of interest is irradiated with light of at least two wavelengths; an intensity of light reflected and/or transmitted by the area of interest is detected; features are derived from detected intensity curves of at least two predetermined wavelengths under at least two different perfusion conditions; and the disease activity is determined using these features.

(19) INDIA

(22) Date of filing of Application :19/03/2013 (43) Publication Date : 28/11/2014

(21) Application No.2417/DELNP/2013 A

(54) Title of the invention: NEGATIVE PRESSURE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:16/09/2011 :WO 2012/038727 :NA :NA :NA	(71)Name of Applicant: 1)SMITH & NEPHEW PLC Address of Applicant: 15 Adam Street London WC2N 6LA U.K. (72)Name of Inventor: 1)GREENER Bryan
Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus are disclosed for providing negative pressure at a wound site. The apparatus includes a suction pump for generating negative pressure a negative pressure reservoir a valve element arranged to selectively provide a fluid communication path between the reservoir and the wound site while a negative pressure in the negative pressure reservoir is greater than a threshold negative pressure to thereby provide a desired negative pressure at the wound site and wherein in response to a pressure in the negative pressure reservoir decreasing to the threshold negative pressure the suction pump is operable to re establish an initial negative pressure in the negative pressure reservoir.

(19) INDIA

(22) Date of filing of Application :20/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PRESSURE CONTROL APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61M1/00 :1015656.0 :20/09/2010 :U.K. :PCT/GB2011/051745 :16/09/2011 :WO 2012/038724 :NA :NA	(71)Name of Applicant: 1)SMITH & NEPHEW PLC Address of Applicant: 15 Adam Street London WC2N 6LA U.K. (72)Name of Inventor: 1)NICOLINI Derek
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2475/DELNP/2013 A

(57) Abstract:

A method and apparatus are disclosed for applying negative pressure to a wound site. The apparatus comprises a source of negative pressure a processing element and a memory comprising instructions configured to when executed on the processor cause the apparatus to perform the steps of via the source of negative pressure attempting to generate a desired negative pressure at the wound site if the desired negative pressure has not been generated after a first predetermined period of time deactivating the source of negative pressure for a second predetermined period of time and subsequently attempting to generate the desired negative pressure at the wound site.

(21) Application No.4372/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :15/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ORAL COMPOSITIONS AND METHOD FOR PRODUCING THEREOF

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International ApplicationNo	:A61Q11/00,A61K8/92,A61K8/73 :NA :NA :NA :PCT/US2010/060114 :13/12/2010	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)GU Ben
Filing Date (87) International Publication No	:WO 2012/082103	2)HASSAN Mahmoud
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods of preparing a dentifrice comprising polymer matrix film with menthol therein are disclosed. The methods comprise combining a polymer matrix film that comprises hydrophobic additives and is free of a low solubility flavorant such as menthol with a dentifrice base comprising a low solubility flavorant such as menthol and maintaining the combined polymer matrix film with the dentifrice base comprising low solubility flavorant for an amount of time sufficient for an amount of a low solubility flavorant to transfer from the dentifrice base comprising low solubility flavorant to the polymer matrix film and establish an equilibrium of menthol concentration between the polymer matrix film and the dentifrice base. Products comprising low solubility flavorant free polymer matrix film in a dentifrice base comprising low solubility flavorant are also disclosed.

(22) Date of filing of Application :24/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD FOR THE COORDINATED PERFORMANCE OF A NUMBER OF INJECTOR CALIBRATION OPERATIONS

		(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(51) International classification	:F02D41/24	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(31) Priority Document No	:10 2010 063 344.5	Germany
(32) Priority Date	:17/12/2010	(72)Name of Inventor:
(33) Name of priority country	:Germany	1)JOOS Klaus
(86) International Application No	:PCT/EP2011/071253	2)FRIEDMANN Harry
Filing Date	:29/11/2011	3)HIRCHENHEIN Achim
(87) International Publication No	:WO 2012/079968	4)RESCHKE Christian
(61) Patent of Addition to Application	:NA	5)RAPP Holger
Number	:NA	6)HESS Werner
Filing Date	.11/1	7)KOCH Andreas
(62) Divisional to Application Number	:NA	8)KOENIG Joerg
Filing Date	:NA	9)SCHLUETER Ruben
		10)HEISEN Christoph
		11)WIRTH Stephanie

(57) Abstract:

The present invention relates to a method for the coordinated performance of a number of calibration operations in an injector of an internal combustion engine wherein the individual injector calibration operations to be carried out are allocated in each case one priority value wherein the injector calibration operations are then carried out in sequence according to the priority values which are allocated to them.

(19) INDIA

(22) Date of filing of Application :24/05/2013

(21) Application No.4649/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: WIPER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/11/2011 :WO 2012/079843 :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)DEPONDT Helmut
	:NA :NA :NA	

(57) Abstract:

The invention relates to a wiper device for a motor vehicle window, comprising a wiper arm adapter unit (10a - 10e) and a wiper blade adapter unit (12a - 12e), which in an installed State create a form fit, and further comprising a longitudinal guide unit (20a - 20e) for guiding the wiper arm adapter unit (10a - 10e). According to the invention, the wiper device comprises a locking means (14a - 14e) which is movably mounted on the wiper blade adapter unit (12a - 12e) and is provided so as to limit the freedom of movement of the wiper arm adapter unit (10a - 10e) in the installed State at least substantially in a longitudinal direction (16a - 16e).

(19) INDIA

TELEPHONY

(22) Date of filing of Application :18/04/2006 (43) Publication Date: 28/11/2014

(54) Title of the invention: 'NETWORK TELEPHONY APPLIANCE AND SYSTEM SUPPORTING WIRELESS INTERNET

:00448/DELNP/2003

:26/03/2003

(51) International classification :H04N (31) Priority Document No :60/240.869 (32) Priority Date :11/10/2000

(33) Name of priority country

(86) International Application No :PCT/US01/31809 Filing Date :10/11/2001 (87) International Publication No :WO 02/31669

(61) Patent of Addition to Application

:NA Number :NA Filing Date

(62) Divisional to Application Number

Filed on

(71)Name of Applicant:

1)THE TRUSTEES OF COLUMBIA UNIVERSITY IN

THE CITY OF NEW YORK

Address of Applicant: 116TH STREET AND BROADWAY, NEW YORK, NY 10027, US. U.S.A.

(72)Name of Inventor:

1)HENNING SCHULZRINNE

(21) Application No.2109/DELNP/2006 A

(57) Abstract:

A communication system in accordance with the present invention includes at least one network appliance device (3415) which is coupled to a network (3402). The network appliance device (3415) includes software for detecting incoming calls and initiating call sessions in accordance with a signaling protocol. The system further includes a wireless communication gateway (3410) coupled to the network (3402) for allowing the network appliance device (3415) to communicate in accordance with a wireless network protocol. The wireless communication gateway (3410) includes, or is coupled to, a communication proxy (3405) for translating messages between the signaling protocol and the wireless network protocol. In one exemplary embodiment the signaling protocol takes the form of the Session Initiation Protocol (SIP) and the wireless communication protocol takes the form of the Wireless Application Protocol (WAP).

(21) Application No.2940/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/04/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: COMPACT INJECTION DEVICE

(51) International :A61M5/31,A61M5/315,A61M5/00 classification

(31) Priority Document No :NA :NA

(32) Priority Date (33) Name of priority country: NA

(86) International Application :PCT/IB2010/003491

:14/12/2010 Filing Date

(87) International Publication :WO 2012/080776

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(57) Abstract:

(71)Name of Applicant:

1)BECTON DICKINSON FRANCE

Address of Applicant :Rue Aristide Berg"s F 38800 Le Pont

De Claix France

(72)Name of Inventor: 1)PEROT Frdric

2)CARREL Franck

The present invention relates to a package (3) for a container (2) comprising a tubular barrel (4) having open distal and proximal ends the proximal end being sized and shaped to receive a plunger and the distal end being sized and shaped to receive an injection needle said package (3) comprising i) a plunger rod (8) for said container (2) a part of said plunger rod being shaped complementarily to at least a part of the external shape of said tubular barrel (4) and N) a tray (9) connectable to said plunger rod said tray and said plunger rod forming said package when they are connected to each other. The invention further relates to a drug delivery device comprising a container and such a package.

(21) Application No.3585/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/04/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : A SUSTAINED RELEASE FORMULATION OF A NON STEROIDAL ANTI INFLAMMATORY DRUG

(51) International classification(31) Priority Document No(32) Priority Date	:61/407872 :28/10/2010	(71)Name of Applicant: 1)PACIRA PHARMACEUTICALS INC. Address of Applicant: 10450 Science Center Drive San Diego
(33) Name of priority country	:U.S.A.	CA 92121 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/058169 :27/10/2011	(72)Name of Inventor : 1)GARCIA Louie Daniel
(87) International Publication No	:WO 2012/058483	2)ZHU Liangjin
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)LAMBERT William Joseph 4)PATOU Gary
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are formulations comprising multivesicular liposomes and one or more non steroidal anti inflammatory drugs which minimize the side effects of unencapsulated non steroidal anti inflammatory drugs while maintaining or improving efficacy. Methods of making and administering the formulations comprising multivesicular liposomes and one or more non steroidal anti inflammatory drugs and their use as medicaments are also provided.

(21) Application No.438/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : IN SITU GENESIS OF SILVER NANO IN POROUS CONCRETE PEBBLES USING GREEN TECHNOLOGY AND ITS APPLICATION FOR MICROBIAL DECONTAMINATION OF WATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C07C :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: SECTOR-125, NOIDA-201303 Uttar Pradesh India (72)Name of Inventor: 1)SUMAN
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA :NA	2)V.K. JAIN

(57) Abstract:

The present invention relates to silver nanoparticles based water purification system. The nanoparticles are generated in situ and embedded within the porous concrete pebbles. The system provides around 99 % decontamination of microbial load in the treated water. The pH of the treated water also remains in the normal range (i.e. 7 to 7.1). The green technology based silver nano embedded pebbles has very good reusability and shows insignificant decrease in microbial decontamination efficacy even after 20-25 uses of the same pebbles within a time span of 6 months.

(21) Application No.4654/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: VEHICLE WHEEL

(51) International classification: B60B21/00,B60B3/04,B60B23/00 (71) Name of Applicant:

:WO 2012/108339

(31) Priority Document No :2011026755 (32) Priority Date :10/02/2011

(33) Name of priority country :Japan

(86) International Application :PCT/JP2012/052454

:03/02/2012 Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA

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

1)TOPY KOGYO KABUSHIKI KAISHA

Address of Applicant: 2 2 Osaki 1 chome Shinagawa ku

Tokyo 1418634 Japan (72)Name of Inventor:

1)FUKAMACHI Tetsuro 2)TAKANO Takamitsu

(57) Abstract:

A groove (30) is formed in a wheel radial inner surface (24b) of an exterior bead seating section (24) of a rim (20). The groove (30) is provided with a groove side inclined surface (31) that is inclined at an angle less than the angle of inclination of the wheel radial inner surface (24b) of the exterior bead seating section (24) in the area (24c) where no groove (30) is formed and that is inclined axially outward with respect to the wheel and radially outward with respect to the wheel. Because the groove side inclined surface (31) is inclined axially outward with respect to the wheel and radially outward with respect to the wheel compared to a case where the groove side inclined surface (31) is cylindrical the groove (30) is less deep and the minimum thickness of the exterior bead seating section (24) is greater at the wheel axial direction position at which the groove (30) is formed. Thus the strength of the rim (20) can easily be maintained even if the groove (30) is formed in the exterior bead seating section (24).

(21) Application No.4644/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: LOW NOISE AMPLIFIER

(51) International classification :H03F1/22,H03F1/34,H03F3/45 (71)Name of Applicant :

(31) Priority Document No :10195354.5 (32) Priority Date :16/12/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/072333

Filing Date :09/12/2011 (87) International Publication No :WO 2012/080126

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)TELEFONAKTIEBOLAGET L M ERICSSON (publ)

Address of Applicant :S 164 83 Stockholm Sweden

(72)Name of Inventor: 1)MU Fenghao

(57) Abstract:

A low noise amplifier comprises at least one amplifying transistor (Ts1; Ts2) configured in a common source configuration to receive an input signal (RFin) at a gate terminal and provide an amplified signal at a drain terminal and at least one feedback path arranged to couple a part of the amplified signal back to the gate terminal and comprising a feedback impedance. The low noise amplifier further comprises a self coupled step up transformer having at least one primary winding (Lp) connected to a supply voltage (Vdd) and the drain terminal of the at least one amplifying transistor and at least one self coupled secondary inductor winding (Lf1; Lf2) arranged in the feedback path. The low noise amplifier provides a better suppression for out band interference and at the same time it has a wider input match bandwidth decent conversion gain and decent noise figure without increasing power consumption.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE AND METHOD FOR SERIAL DATA TRANSMISSION AT A HIGH DATA RATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:03/11/2011 :WO 2012/059521 :NA :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)HARTWICH Florian 2)MACHAUER Ralf
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device is proposed for connecting a bus user to a 2-wire communication bus allowing the bus user to send messages which are represented by a sequence of dominant and recessive bus levels in the bus lines to other bus users connected to the bus and to receive such messages from the other bus users. The device comprises first means for setting by driving a first electric current a dominant bus level in the form of a first predetermined voltage difference between the two bus lines; the device is designed in such a way that the recessive bus level is set as a second predetermined voltage difference that does not necessarily differ from zero between the two bus lines at least partially owing to the flow of a discharge current over termination resistors connected to the bus lines and the device comprises at least one other means for setting more quickly at least one of the bus levels by driving at least one other suitable electric current at least in the event of a predeterminable or predetermined switching condition.

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

(19) INDIA

(22) Date of filing of Application :24/05/2013

(21) Application No.4646/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: WIPER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:102010062917.0 :13/12/2010 :Germany	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)DEPONDT Helmut
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention is based on a wiper device for a motor vehicle window with a wiper arm adaptor unit (10a 10f) and a wiper blade adaptor unit (12a 12f) which in a fitted state form a form fitting connection. It is proposed that the wiper device has a housing means (18a 18f) which is arranged fixedly on the wiper blade adaptor unit (12a 12f) for receiving the wiper arm adaptor unit (10a 10f) in a linear push in movement.

No. of Pages: 19 No. of Claims: 12

(21) Application No.4647/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LIQUID EXTRACTION MODULE LIQUID TANK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10 2010 062 985.5 :14/12/2010 :Germany :PCT/EP2011/072341 :09/12/2011 :WO 2012/080132 :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)LANDES Ewgenij 2)SCHOTT Steffen
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a liquid extraction module (1) for extracting liquid from a liquid tank in particular of an exhaust gas aftertreatment system of a motor vehicle having an insert part (2) which is produced at least substantially from plastic and which has at least one extraction opening (5) and at least one plug connector (14) for the electrical contacting of an electrical consumer (10 7) of the liquid extraction module (1). It is provided that a housing (16) of the plug connector (14) is formed separately and has at least one encapsulated undercut (22 32) for fastening to the insert part (2).

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

(22) Date of filing of Application :03/04/2006 (43) Publication Date : 28/11/2014

(54) Title of the invention: OPTIMIZED EXPRESSION OF HPV 45 LI IN YEAST

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N 15/37 :60/506,812 :29/09/2003 :U.S.A. :PCT/US2004/031326 :24/09/2004 :WO 2005/032586 :NA :NA :NA	(71)Name of Applicant: 1)MERCK & CO., INC Address of Applicant: 126 EAST LINCOLN AVENUE, RAHWAY, NJ 07065-0907, U.S.A. (72)Name of Inventor: 1)BRYAN JANINE T 2)BROWNLOW, MICHELLE, K. 3)SCHULTS LOREN D 4)JANSEN KATHRIN L.
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(57) Abstract:

Synthetic DNA molecules encoding the HPV45 LI protein are provided. Specifically, the present invention provides polynucleotides encoding HPV45 LI protein, wherein said polynucleotides have been codon-optimized for high level expression in a yeast cell. The synthetic molecules may be used to produce HPV45 virus-like particles (VLPs), and to produce vaccines and pharmaceutical compositions comprising the HPV45 VLPs. The vaccines of the present invention provide effective immunoprophylaxis against papillomavirus infection through neutralizing antibody and cell-mediated immunity.

No. of Pages: 31 No. of Claims: 18

(21) Application No.439/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :16/02/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: COOLER WITH CITRONELLA OIL DISPENSER.

(51) International classification	:B23B	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABHINAV CHAUHAN
(32) Priority Date	:NA	Address of Applicant :E-27, DEFENCE COLONY, NEW
(33) Name of priority country	:NA	DELHI, INDIA;110024 Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ABHINAV CHAUHAN
(87) 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 an air cooler with aromatic dispenser system for repelling mosquitoes and other insects from indoors. The dispenser is filled with citronella oil which is released into the water tank and sprayed into the room along with the cooled air.

No. of Pages: 6 No. of Claims: 4

(21) Application No.4664/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR INTERFERENCE VARIANCE REDUCTION IN A WIRELESS COMMUNICATION SYSTEM

:H04L1/00,H04W72/00 (71)Name of Applicant : (51) International classification 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (31) Priority Document No (32) Priority Date :NA Address of Applicant: S 164 83 Stockholm Sweden (33) Name of priority country (72)Name of Inventor: :NA (86) International Application No :PCT/SE2010/051229 1)MANSSOUR Jawad Filing Date :10/11/2010 2)FANTAYE Girum Alebachew (87) International Publication No :WO 2012/064240 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a radio node and to a related method of reducing a signal to noise and interference ratio requirement for a transmission in a scheduling interval. The method comprises estimating (410) a frequency resource utilization in the scheduling interval comparing (420) the estimated frequency resource utilization with a first threshold. When the estimated frequency resource utilization is equal to or below the first threshold the method further comprises increasing (430) the frequency resource utilization for the transmission and adjusting (431) a link adaptation for the transmission based on the increased frequency resource utilization. Optionally the method further comprises decreasing (450) the transmit power for the scheduling interval based on the adjusted link adaptation.

No. of Pages: 33 No. of Claims: 16

(21) Application No.4665/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TREATMENT OF RUMINANT EXHALATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:12/927315 :10/11/2010 :U.S.A. :PCT/US2011/001884 :10/11/2011 :WO 2012/064367 :NA	(71)Name of Applicant: 1)SEARETE LLC Address of Applicant: 11235 SE 6th Street Suite 200 Bellevue Washington 98004 U.S.A. (72)Name of Inventor: 1)CALDEIRA Kenneth G. 2)HYDE Roderick A. 3)ISHIKAWA Muriel Y. 4)KARE Jordin T. 5)LATHAM John 6)MYHRVOLD Nathan P. 7)SALTER Stephen H. 8)TEGREENE Clarence T. 9)TUCKERMAN David B. 10)WEAVER Thomas Allan 11)WHITMER Charles
Timing Butte		

(57) Abstract:

Methane gas in a ruminant exhalation may be oxidized to reduce the amount of methane gas output by the ruminant.

No. of Pages: 46 No. of Claims: 56

(21) Application No.4666/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: POROUS CARBON FOR ELECTROCHEMICAL DOUBLE LAYER CAPACITORS

:H01G9/058,C01B31/08 (71)Name of Applicant : (51) International classification (31) Priority Document No :12/956061 1)CORNING INCORPORATED (32) Priority Date Address of Applicant: 1 Riverfront Plaza Corning New York :30/11/2010 (33) Name of priority country :U.S.A. 14831 U.S.A. (86) International Application No :PCT/US2011/062287 (72)Name of Inventor: Filing Date 1)GADKAREE Kishor P :29/11/2011 (87) International Publication No :WO 2012/087497 2)LIU Jia (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An electrochemical double layer capacitor electrode comprising microporous carbon wherein the microporous carbon comprises a median pore width of 1.2 nanometers or less and a ratio of BET surface area to total pore volume greater than 2200 m2/cm3.

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

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SULFONATION IN CONTINUOUS FLOW MICROREACTORS

(51) International classification	:C07C309/40	(71)Name of Applicant :
(31) Priority Document No	:10306314.5	1)CORNING INCORPORATED
` /		
(32) Priority Date	:29/11/2010	Address of Applicant :1 Riverfront Plaza Corning New York
(33) Name of priority country	:EPO	14831 U.S.A.
(86) International Application No	:PCT/US2011/061744	(72)Name of Inventor:
Filing Date	:22/11/2011	1)WINTER Marc
(87) International Publication No	:WO 2012/074822	2)ZHANG Feixia
(61) Patent of Addition to Application	:NA	
Number	*	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A continuous flow process for sulfonating 1 2.diaminobenzene comprises introducing a sulfonation mixture into a microreactor inlet of a continuous flow microreactor to produce a flow of the sulfonation mixture through the continuous flow microreactor. The sulfonation mixture comprises 1 2 aminobenzene dissolved in a molar excess of sulfuric acid. The continuous flow microreactor comprises one or more individual fluidic modules each having various features with respect to channel width and thermal management. The process further comprises maintaining a reaction temperature of from about 150.230 degC in at least a portion of the individual fluidic modules while the sulfonation mixture flows from the microreactor inlet to the microreactor outlet. Thereupon the sulfonation mixture is received from the microreactor outlet. Finally a sulfonated reaction product is precipitated out of the sulfonated impurities.

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

(21) Application No.4547/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PRODUCTS WITH IMPROVED FOAMING PROPERTIES

:A23F5/02,A23F5/36,A23L2/52 (71)Name of Applicant : (51) International classification (31) Priority Document No :10192145.0

(32) Priority Date :23/11/2010 (33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/070373

Filing Date :17/11/2011 (87) International Publication No: WO 2012/069359

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA

1)NESTEC S.A.

Address of Applicant : Avenue Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)MORA Frederico

2)LELOUP Valrie Martine Jeanine

(57) Abstract:

Filing Date

The present invention relates to improvements of foaming properties achieved by using unroasted coffee solids. Specifically the invention relates to dried soluble powders with improved foaming properties upon dissolution. The products have a foaming particle porosity of at least 20%.

No. of Pages: 16 No. of Claims: 18

(21) Application No.4675/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LASER CONFOCAL SENSOR METROLOGY SYSTEM

(51) International classification	:G01M11/02,G01B11/06	(71)Name of Applicant:
(31) Priority Document No	:61/418148	1)JOHNSON & JOHNSON VISION CARE INC.
(32) Priority Date	:30/11/2010	Address of Applicant: 7500 Centurion Parkway Jacksonville
(33) Name of priority country	:U.S.A.	FL 32256 U.S.A.
(86) International Application No	:PCT/US2011/062403	(72)Name of Inventor:
Filing Date	:29/11/2011	1)POWELL Mark P.
(87) International Publication No	:WO 2012/075013	2)WIDMAN Michael F.
(61) Patent of Addition to Application	:NA	3)SITES Peter W.
Number	:NA	4)ENNS John B.
Filing Date	.IVA	5)WILDSMITH Christopher
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides apparatus for a non contact method of obtaining accurate three dimensional measurements of a dry contact lens more specifically using dry lens metrology to know the exact thickness of a contact lens.

No. of Pages: 26 No. of Claims: 16

(21) Application No.4676/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LASER CONFOCAL SENSOR METROLOGY SYSTEM

(51) International classification	:G01M11/02,G01B11/06	(71)Name of Applicant:
(31) Priority Document No	:61/418148	1)JOHNSON & JOHNSON VISION CARE INC.
(32) Priority Date	:30/11/2010	Address of Applicant: 7500 Centurion Parkway Jacksonville
(33) Name of priority country	:U.S.A.	FL 32256 U.S.A.
(86) International Application No	:PCT/US2011/062408	(72)Name of Inventor:
Filing Date	:29/11/2011	1)WIDMAN Michael F.
(87) International Publication No	:WO 2012/075016	2)ENNS John B.
(61) Patent of Addition to Application	:NA	3)POWELL P. Mark
Number	:NA	4)SITES Peter W.
Filing Date	.IVA	5)WILDSMITH Christopher
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides apparatus for a non contact method of obtaining accurate three dimensional measurements of a dry contact lens more specifically using dry lens metrology to know the exact thickness of a contact lens.

No. of Pages: 26 No. of Claims: 6

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ELIMINATION OF SHRINKAGE CAVITY IN CAST INGOTS

(51) International classification	:B22D7/12,B22D15/04	(71)Name of Applicant :
(31) Priority Document No	:61/460029	1)NOVELIS INC.
(32) Priority Date	:22/12/2010	Address of Applicant :191 Evans Avenue Toronto Ontario
(33) Name of priority country	:U.S.A.	M8Z 1J5 Canada
(86) International Application No	:PCT/CA2011/050790	(72)Name of Inventor:
Filing Date	:21/12/2011	1)ANDERSON Mark
(87) International Publication No	:WO 2012/083452	2)BISCHOFF Todd F.
(61) Patent of Addition to Application	:NA	3)BOORMAN James
Number	:NA	4)FENTON Wayne J.
Filing Date	.11/1	5)SINDEN David
(62) Divisional to Application Number	:NA	6)TINGEY John Steven
Filing Date	:NA	7)WAGSTAFF Robert Bruce

(57) Abstract:

An exemplary embodiment provides a method of fully or partially eliminating a shrinkage cavity in a metal ingot cast by direct chill casting. The method involves casting a metal ingot by introducing molten metal into a direct chill casting mold from a spout to form an upright ingot having an upper surface at a predetermined height. Upon completion of the casting the lower tip of the spout is preferably maintained below the upper surface in molten metal at or near a center of the upper surface of the ingot. The metal flow through the spout is terminated while maintaining sufficient heat in metal within and supplying the spout to keep the metal molten for subsequent delivery through the spout. A partial shrinkage cavity is allowed to form in the upper surface of the ingot as metal of the ingot shrinks and contracts. Preferably before the partial cavity exposes the lower tip of the spout the partial shrinkage cavity is preferably over filled with molten metal while all or significant spillage of molten metal from the partial cavity is avoided and then the flow of metal through the spout is terminated. The steps of allowing a partial shrinkage cavity to form in the upper surface and then preferably over filling the partial shrinkage cavity with molten metal from the spout before the cavity exposes the lower tip is repeated preferably until no further contraction of the metal of the ingot causes any part of the upper surface to contract below the predetermined height. The spout is then removed from contact with molten metal of the ingot and all parts of the ingot are allowed to cool to a temperature at which the metal is fully solid.

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

(21) Application No.4678/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TOUCH SWITCH

(51) International classification	:H01H3/00,H01H13/00	(71)Name of Applicant:
(31) Priority Document No	:2010905667	1)CLIPSAL AUSTRALIA PTY LTD
(32) Priority Date	:24/12/2010	Address of Applicant :78 Waterloo Road Macquarie Park New
(33) Name of priority country	:Australia	South Wales 2113 Australia
(86) International Application No	:PCT/AU2011/001675	(72)Name of Inventor:
Filing Date	:22/12/2011	1)JUHASZ Elizabeth Tunde
(87) International Publication No	:WO 2012/083380	2)CHEN Simon
(61) Patent of Addition to Application	:NA	3)STELMACH Aleksander
Number	:NA	4)VANDERZON James Robert
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is a touch switch module for use with a touch switch faceplate to provide a touch switch. The touch switch module comprises a housing a touch switch circuit within the housing and a touch switch interface for interfacing between the touch switch circuit and the switch faceplate. Also disclosed are a touch switch assembly the touch switch faceplate for use with the touch switch module and a method of installing the touch switch module.

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

(21) Application No.2263/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :13/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ASSEMBLY METHOD FOR CATHETER WITH BLOOD CONTROL

(51) International classification :A61M25/00 (31) Priority Document No :12/877494 (32) Priority Date :08/09/2010 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/048281

Filing Date :18/08/2011 (87) International Publication No :WO 2012/033624

(61) Patent of Addition to Application
Number
Filing Date
(22) Printing Materials Application Number (23) Printing Materials (24) Printing Materials (

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

:A61M25/00,A61M25/06 (71)Name of Applicant :

1)BECTON DICKINSON AND COMPANY

Address of Applicant :1 Becton Drive Mail Code 110 Franklin

Lakes New Jersey 07417 1880 U.S.A. (72)Name of Inventor:

1)CLUFF Ken

2)MOULTON William G. 3)HENDERSON Edward G. III

4)MCMURRAY Jeff

5)LINDSTROM Kenneth B.

(57) Abstract:

A system and method for assembling a catheter device wherein a septum actuator (120) is positioned within the lumen of a catheter adapter to provide a pathway through a septum (140) component an introducer needle being inserted through the septum via the septum actuator (120) thereby preventing damage to the septum the septum actuator thereafter being withdrawn from the septum and positioned within a rearward chamber (144) of the catheter adapter lumen.

No. of Pages: 33 No. of Claims: 20

(21) Application No.4548/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: OLIGOSACCHARIDE MIXTURE AND FOOD PRODUCT COMPRISING THIS MIXTURE ESPECIALLY INFANT FORMULA

(51) International :C07H3/06,A61K31/702,A23L1/29 classification

(31) Priority Document No :10192232.6

(32) Priority Date :23/11/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/070565

No :21/11/2011 Filing Date

(87) International Publication

:WO 2012/069415

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

:NA

Filing Date

(71)Name of Applicant: 1)NESTEC S.A.

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)SPRENGER Norbert 2)NEESER Jean Richard

(57) Abstract:

The invention discloses an oligosaccharide mixture comprising 5 70 wt% of at least one N acetylated oligosaccharide 5 90 wt% of at least one neutral oligosaccharide 2 50 wt% of at least one sialylated oligosaccharide and/or 5 70 wt% of at least one fucosylated oligosaccharide. The invention also discloses a food product especially an infant formula comprising said oligosaccharide mixture.

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

(21) Application No.4552/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : ORIFICE PLATE FOR CONTROLLING SOLIDS FLOW METHODS OF USE THEREOF AND ARTICLES COMPRISING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F28C3/14,F28F9/02 :61/407706 :28/10/2010 :U.S.A. :PCT/US2011/058258 :28/10/2011 :WO 2012/058523 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)JUKKOLA Glen D.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed herein is an orifice plate comprising one or more plates having orifices disposed therein; the orifices being operative to permit the flow of solids from a moving bed heat exchanger to a solids flow control system; where the orifice plate is downstream of a tube bundle of the moving bed heat exchanger and upstream of the solids flow control system and wherein the orifice plate is operative to evenly distribute the flow of solids in the solids flow control system.

No. of Pages: 27 No. of Claims: 24

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LIPID BASED WAX COMPOSITIONS SUBSTANTIALLY FREE OF FAT BLOOM AND METHODS OF MAKING

(31) Priority Document No:61/416586(32) Priority Date:23/11/2010(33) Name of priority country:U.S.A.	(71)Name of Applicant: 1)ELEVANCE RENEWABLE SCIENCES INC. Address of Applicant: 2501 Davey Road Woodridge IL 60517 U.S.A. (72)Name of Inventor: 1)MURPHY Timothy A. 2)RUSSELL Stephen E.
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(57) Abstract:

Lipid-based wax compositions and their methods of making are provided for compositions substantially free of fat bloom. The compositions comprise 0.1 -10 percent by weight triacylglycerides, 30-95 percent by weight monoacylglycerides and di - acylglycerides combined, and 0.1 -65 percent by weight fatty acids. The methods comprise blending the monoacylglycerides, diacylglycerides, triacylglycerides, and fatty acids by heating the lipid-based wax composition at a sufficiently high temperature to destroy substantially all crystal structure within the lipid-based wax composition. The methods further comprise pouring the lipid-based wax composition into a mold or a container having a surface and a core, wherein the pouring is conducted at a temperature at least 15°C greater than the congeal point of the lipid-based wax composition under conditions sufficient to cool the core to at least 5°C below the congeal point of the lipid-based wax composition in 30-90 minutes.

No. of Pages: 36 No. of Claims: 31

(19) INDIA

(22) Date of filing of Application: 27/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: HBV TREATMENT

(51) International :C12N15/113,A61K48/00,A61P31/20

classification

(31) Priority Document No :201010522005.2 (32) Priority Date :28/10/2010 (33) Name of priority

:China country

(86) International

:PCT/CN2011/081386 Application No

:27/10/2011 Filing Date

(87) International :WO 2012/055362 Publication No

(61) Patent of Addition to :NA **Application Number**

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

:NA

(71)Name of Applicant:

1)BENITEC BIOPHARMA LIMITED

(21) Application No.4681/DELNP/2013 A

Address of Applicant :F6A/1 15 Barr Street Balmain New

South Wales 2041 Australia

2)BIOMICS BIOTECHNOLOGIES CO. LTD.

(72)Name of Inventor:

1)GRAHAM Michael Wayne

2)FRENCH Peter

3)ZHU York YuanYuan

4)LU Yixiang 5)LI Tiejun 6)SUN Yuncheng 7)TANG Xiaojun

8)SHAN Li

(57) Abstract:

RNA interference (RNAi) agents and the use of the RNAi agents for treating hepatitis B infection in individuals as well as pharmaceutical compositions containing the RNAi agents are provided. The RNAi agents or constructs for expressing them are utilized to inhibit expression of at least one Hepatitis B virus (HBV) gene wherein each agent comprises an effector sequence complementary to or substantially complementary to a predicted sequence transcribed from a target region. In some embodiments of the present invention the agents have more than one effector sequence; wherein the multiple effectors may target the same region of an HBV gene different (possibly overlapping) regions of the same gene and/or different HBV genes.

No. of Pages: 90 No. of Claims: 15

(21) Application No.4560/DELNP/2013 A

(19) INDIA

country

(22) Date of filing of Application :22/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: NOVEL FUSED PYRIDINE COMPOUNDS AS CASEIN KINASE INHIBITORS

(51) International :A61K31/4353,A61K31/436,A61K31/437 classification

(31) Priority Document :61/425213

No (32) Priority Date :20/12/2010 (33) Name of priority :U.S.A.

(86) International :PCT/IB2011/055489

Application No :06/12/2011

(87) International

:WO 2012/085721 Publication No

(61) Patent of Addition :NA to Application Number :NA Filing Date (62) Divisional to :NA

Filing Date

Application Number :NA Filing Date

(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)BUTLER Todd W.

2) CHANDRASEKARAN Ramalakshmi Y.

3)MENTE Scot R.

4)SUBRAMANYAM Chakrapani

5)WAGER Travis T.

(57) Abstract:

Compounds and pharmaceutically acceptable salts of the compounds are disclosed wherein the compounds have the structure of Formula I: and pharmaceutically acceptable salts thereof wherein X Y A R n and R are as defined in the specification. Corresponding pharmaceutical compositions methods of treatment methods of synthesis and intermediates are also disclosed.

No. of Pages: 95 No. of Claims: 12

(21) Application No.4561/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: RESOURCE PROFILE ADJUSTMENT FOR PRE FETCHING OF ASSETS TO USER EQUIPMENT

(51) International classification :G06F17/30,H04L29/08,H04W8/18

(31) Priority Document No :12/964578 (32) Priority Date :09/12/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/063544

Filing Date :06/12/2011

(87) International Publication :WO 2012/078643

No

(61) Patent of Addition to Application Number Filing Date :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)AKHTAR Shahid

(57) Abstract:

Systems and methods are disclosed for adjusting resource profiles which are used by user equipment (UE) to pre fetch assets from content providers. In one embodiment a recommender system receives a resource profile from a UE. The resource profile indicates content providers that have assets for the UE to download in advance during a pre fetch operation. The resource profile also defines a percentage of UE resources allocated to each of the content providers for downloading the assets during the pre fetch operation. The recommender system then adjusts the percentages of the UE resources in the resource profile for the end user to generate an updated resource profile for the end user and transmits the updated resource profile to the UE for use in one or more subsequent pre fetch operations.

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

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM AND METHOD TO MEASURE AND INCENTIVIZE SOFTWARE REUSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F9/44 :61/416591 :23/11/2010 :U.S.A. :PCT/US2011/061887 :22/11/2011 :WO 2012/071433 :NA :NA :NA	(71)Name of Applicant: 1)VIRTUSA CORPORATION Address of Applicant: 2000 West Park Drive Westborough MA 01581 U.S.A. (72)Name of Inventor: 1)MENDIS Chandika Nalin
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(57) Abstract:

Systems methods and apparatus for measuring software development productivity that incorporate a measure of code reuse. Embodiments of the present invention utilize call graph analysis in a computerized environment to efficiently analyze a software code base in an automated fashion and thereby generate reuse measures; and then incorporates the reuse measures in the productivity analysis.

No. of Pages: 28 No. of Claims: 26

(21) Application No.4691/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CLOSURE DEVICE FOR METALLIC CONTAINERS

(51) International classification :B65D43/02,B65D45/30,B65D55/08

(31) Priority Document No :PI10057862 (32) Priority Date :08/12/2010

(33) Name of priority country:Brazil

(86) International :PCT/BR2011/000464

Application No
Filing Date

FC1/BR201

:07/12/2011

(87) International Publication :WO 2012/075556

(61) Patent of Addition to

Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)BRASILATA S/A EMBALAGENS METLICAS

Address of Applicant :Rua Robert Bosch 332 01141 010 S£o

Paulo SP Brazil

(72)Name of Inventor:

1)LVARES Antonio Carlos Teixeira

2)DA CUNHA Silvrio Cndido

(57) Abstract:

The closure device comprises: a retention ring (40) seated around the container and axially locked between a finishing cord (13) and a peripheral rib (14) which are externally incorporated to an upper region (11) of the tubular body (10) of the container; and a locking ring (50) which is seated and affixed around an end cord (23) of the lid (20) and incorporating an outer skirt (53) surrounding the end cord (23) and the finishing cord (13) and being elastically deformable from a locked position against upward displacement at the locking ring (40) to a position unlocked from the latter. The device may further comprise a suspension handle (70) coupled to the retention ring (40) and a seal means (60) cooperating with both the retention ring (40) and the locking ring (50) to make evident a first opening of the container.

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

(21) Application No.4692/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PREPARATION OF SEASONING PRODUCTS

(51) International classification	:A23L1/22,A23L1/23,A23L1/231	(71)Name of Applicant:
(31) Priority Document No	:201010591214.2	1)NESTEC S.A.
(32) Priority Date	:29/11/2010	Address of Applicant : Avenue Nestl 55 CH 1800 Vevey
(33) Name of priority country	:China	Switzerland
(86) International Application No Filing Date	:PCT/EP2011/071125 :28/11/2011	(72)Name of Inventor:1)ULMER Helge2)LIAN HWEE PENG Rebecca
(87) International Publication No	:WO 2012/072549	3)QIN Lan 4)LI Jingsen
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for preparing a food seasoning product comprising a solid state fermentation step an hydrolysis step and a thermal reaction step wherein the solid state fermentation step hydrolysis step and thermal reaction step are carried out in the same reaction vessel.

No. of Pages: 14 No. of Claims: 15

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CAPSULE AND METHOD FOR THE PREPARATION OF A BEVERAGE BY CENTRIFUGATION

(51) International classification (31) Priority Document No	:B65D85/804,A47J31/22 :10193111.1	(71)Name of Applicant: 1)NESTEC S.A.
(32) Priority Date	:30/11/2010	Address of Applicant :Av. Nestl 55 CH 1800 Vevey
(33) Name of priority country	:EPO	Switzerland
(86) International Application No Filing Date	:PCT/EP2011/071020 :25/11/2011	(72)Name of Inventor : 1)ABEGGLEN Daniel
(87) International Publication No	:WO 2012/072509	2)GERBAULET Arnaud
(61) Patent of Addition to Application Number Filing Date	:NA :NA	3)TINEMBART Jean Fran§ois 4)PERENTES Alexandre
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Capsule (1A) designed in particular for the preparation of a beverage in a centrifugal brewing device by feeding liquid in the capsule and rotating the capsule along a central axis (I) to produce centrifugal forces on the liquid traversing the capsule thereby forcing the beverage out of the capsule by such centrifugal forces wherein the capsule comprises: a body (2) comprising containment walls (3 4) a main opening (6) of central axis (I) closed by a closing wall (8) forming a compartment (7) including beverage ingredients and a flange (5) peripherally bordering the said opening (6) wherein it comprises a perforating wall (9) placed close to the closing wall (8) and comprising perforating means (10 15) for perforating the closing wall (8) when applying a pressure on the transversal closing wall (8) or perforating wall (9).

No. of Pages: 21 No. of Claims: 18

(21) Application No.4682/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : IMMUNOMODULATORY COMPOSITIONS METHODS AND SYSTEMS COMPRISING IMMUNOGENIC FRAGMENTS OF APOB100

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61K39/00 :61/413378 :12/11/2010 :U.S.A. :PCT/US2011/060483 :11/11/2011 :WO 2012/065135 :NA	(71)Name of Applicant: 1)CEDARS SINAI MEDICAL CENTER Address of Applicant:8700 Beverly Boulevard Los Angeles California 90048 U.S.A. (72)Name of Inventor: 1)SHAH Prediman K. 2)CHYU Kuang Yuh
1 (41110 41	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Immunostimulatory agents T cell compositions methods and systems for treating and/or preventing various conditions in a human individual.

No. of Pages: 163 No. of Claims: 17

(21) Application No.4683/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SCREW HAVING A SCREW HEAD A SCREW SHAFT AND A CONICAL WAVY FLANGE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F16B31/02 :10 2010 053 412.9 :06/12/2010 :Germany :PCT/EP2011/071238 :29/11/2011 :WO 2012/076360 :NA :NA	(71)Name of Applicant: 1)EJOT GMBH & CO. KG Address of Applicant: ASTENBERGSTRASSE 21.57319 BAD BERLEBURG, GERMANY (72)Name of Inventor: 1)PINZL Wilfried 2)HELLMIG Ralph J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a screw having a screw head (2) a screw shaft (1) and a conical wavy flange (4) of decreasing thickness toward the outside contacting a component when the screw is threaded into said component. The two side surfaces (5 6) of the flange (4) from the screw shaft (1) to the outer edge (7) of the flange run continuously conically from the outside inward as the thickness of the flange (4) decreases wherein the waviness (8) thereof extends substantially over the entire radial width of the flange (4).

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

(21) Application No.4684/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WIPER SYSTEM FOR A MEANS OF TRANSPORTATION IN PARTICULAR A MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60S1/04 :10 2010 063 022.5 :14/12/2010 :Germany :PCT/EP2011/070189 :16/11/2011 :WO 2012/079895 :NA :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)TRENKLE Lothar 2)WOLFGARTEN Sven 3)SURKAMP Gundolf
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(57) Abstract:

The invention relates to a wiper system (1) for a means of transportation in particular a motor vehicle preferably a compact vehicle comprising at least two wiper components (10 10; 10 20; 10 10 20) wherein the at least two wiper components (10 10; 10 20; 10 10 20) are mechanically rigidly connected to each other by means of a plate shaped element (30) and the plate shaped element (30) is designed such that it can be installed on/in the means of transportation.

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

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VEHICLE USE WINDSHIELD INTEGRATED ANTENNA AND VEHICLE USE GLAZING

(51) International classification: H01Q1/32,H01Q7/00,H01Q21/30 (71) Name of Applicant: (31) Priority Document No :2010265619 1) Asahi Glass Company Limited (32) Priority Date :29/11/2010 Address of Applicant: 5 1 Marunouchi 1 chome Chiyoda ku (33) Name of priority country Tokyo 1008405 Japan :Japan (86) International Application (72)Name of Inventor: :PCT/JP2011/077103 1)SAITO Koichi :24/11/2011 Filing Date 2)TABATA Koji (87) International Publication :WO 2012/073796 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Provided is a windshield-integrated antenna which is capable of acquiring reception characteristics which are capable of accommodating two frequency bands, which are a low- frequency band and a high-frequency band, even without a choke coil for the low-frequency band, and which is capable of causing the directivity of the high-frequency band to approach a round shape even more. The windshield-integrated antenna of the present invention is provided with a shared antenna conductor which accommodates a first frequency band and a second frequency band which is higher than the first frequency band, and a feed unit (16) which is connected to the shared antenna conductor, wherein: the shared antenna conductor includes a first element (1) which extends from the feed unit (16) as an origin and a second element (2) which extends from the first element (1) as an origin; the end (C) of the extension of the first element and the end (B) of the extension of the second element are adjacently disposed so that at least a portion of the first element (1) and the second element (2) form a half-loop shape having a notch portion (13) in a portion of the loop shape thereof; and if the wavelength in the atmosphere for the center frequency of the second frequency band is treated as $\lambda 02$ and the glass wavelength shortening coefficient is treated as K2(in this regard, $1\frac{3}{4} = 0.64$), then if $\lambda g \sum = \lambda 02 \cdot 1\frac{3}{4}$, the conductor length of the first element (1) is greater than or equal to $0.65 \lambda g 2$ and less than or equal to $1.0 \lambda g 2$, and the shortest distance between a defogger (30) disposed upon a glazing (12) and the shared antenna conductor is greater than or equal to $1.5 \lambda g 2$.

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

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DRILL ENTRY SHEET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2010292338 :28/12/2010 :Japan	(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)KAMEI Takayuki 2)HORIE Shigeru 3)HASAKI Takuya 4)MATSUYAMA Yousuke 5)MIYAHIRA Tetsurou
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(21) Application No.4694/DELNP/2013 A

(57) Abstract:

Disclosed is an drill entry sheet which compared with conventional drill entry sheets has excellent hole position accuracy and reduced drill bit breakage. A layer comprising a resin composition is formed on at least one side of a metal support foil. The aforementioned resin composition is blended with a solid lubricant containing zinc molybdate and/or molybdenum trioxide. The thickness of the aforementioned resin composition layer is in the range of 0.02 0.3mm.

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

(21) Application No.4695/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 27/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PORTABLE FLUID WARMER

(51) International classification :A61M5/44,A61M5/14,F24J1/00 (71)Name of Applicant :

(31) Priority Document No :2010904779 (32) Priority Date :27/10/2010

(33) Name of priority country :Australia

(86) International Application No:PCT/AU2011/001369

Filing Date :27/10/2011 (87) International Publication No: WO 2012/054973

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)FLINDERS MEDICAL CENTRE

Address of Applicant :Flinders Drive Bedford Park South

Australia 5042 Australia (72)Name of Inventor: 1)ROBSON John 2)MCEWEN Mark 3)WOOLFORD Robin

4)ROXBY David

(57) Abstract:

A device (10) for warming infusion or transfusion fluids by an exothermic reaction of a reactive liquid including at least one reaction chamber (11) containing a trigger and a passageway (12) extending through said reaction chamber (11) for movement of said infusion or transfusion fluids therethrough wherein the reactive liquid is introduced into said reaction chamber (11) being at least partially evacuated of air to thereby initiate said exothermic reaction.

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

(21) Application No.4696/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: HEAVY ALKYLBENZENE TRANSALKYLATION OPERATING COST REDUCTION

(51) International classification(31) Priority Document No	:C07C2/66,C07C4/18,C07C15/02 :12/917851	(71)Name of Applicant: 1)UOP LLC
(32) Priority Date	:02/11/2010	Address of Applicant :25 East Algonquin Road P. O. Box
(33) Name of priority country	:U.S.A.	5017 Des Plaines Illinois 60017 5017 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/056804 :19/10/2011	(72)Name of Inventor:1)SOHN Stephen W.2)RILEY Mark G.
(87) International Publication No	:WO 2012/061013	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A process for increasing the production of monoalkylbenzenes is presented. The process includes utilizing a transalkylation process to convert dialkylbenzenes to monoalkylbenzenes. The transalkylation process recycles a portion of the effluent stream from the transalkylation reactor back to the feed of the transalkylation reactor. The recycled dialkylbenzenes and a portion of the recycled benzene are converted to monoalkylbenzenes.

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

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TAPE REEL DEVICE AND TAPE CARTRIDGE INCLUDING THE SAME

(51) International classification	:B41J33/52,B41J15/04	(71)Name of Applicant:
(31) Priority Document No	:2010253102	1)SEIKO EPSON CORPORATION
(32) Priority Date	:11/11/2010	Address of Applicant :4 1 Nishi Shinjuku 2 chome Shinjuku
(33) Name of priority country	:Japan	ku Tokyo 1630811 Japan
(86) International Application No	:PCT/JP2011/006014	(72)Name of Inventor:
Filing Date	:27/10/2011	1)SODEYAMA Hideo
(87) International Publication No	:WO 2012/063422	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tape reel device includes a cartridge case (20) rotatably accommodating a spool (22b) around which an ink ribbon (22a) is wound and a braking means (3) for providing back tension to the ink ribbon (22a) unwound from the spool (22b). The braking means (3) includes a sliding contact member (35) in sliding contact with end surface of the rotating spool (22b) a coil spring (36) urging the sliding contact member (35) in shaft direction of the spool (22b) and a rotation restriction means (37) for restricting rotation of the sliding contact member (35). The rotation restriction means (37) includes an engaging portion protruded from the cartridge case (20) to be inserted into the sliding contact member (35) and an to be engaged portion (44) which is protruded from inner circumference of the sliding contact member (35) and with which the engaging portion engages in rotation direction of the spool (22b).

No. of Pages: 25 No. of Claims: 8

(21) Application No.4698/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 27/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: PROJECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/09/2011 :WO 2012/063398 :NA :NA :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)TOYOOKA Takashi 2)ZAKOJI Makoto
(62) Divisional to Application Number Filing Date	:NA :NA	
(5-1) A.1		_

(57) Abstract:

There is provided a projector that can prevent a flicker from being caused by rotation of a rotating phosphor plate. The projector includes a solid state light source that emits excitation light a rotating phosphor plate that converts the excitation light into phosphor light a liquid crystal light modulating device that modulates the light from the rotating phosphor plate a projection optical system that projects the modulated light onto a screen and a control device that controls the solid state light source and the rotating phosphor plate so as to satisfy any one of a conditional expression A = B a conditional expression A = 2B and a conditional expression |A|B is greater than or equal to 20 and |A|B is greater than or equal to 20 where A represents a pulse width modulation control frequency in hertz of the solid state light source and B represents a rotation frequency in hertz of the rotating phosphor plate.

No. of Pages: 40 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :23/05/2013

(21) Application No.4574/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: TWIN SCREW LIQUID PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:F04C2/16 :201010548653.5 :16/11/2010 :China :PCT/CN2010/079291	
 (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:PCT/CN2010/079291 :30/11/2010 :WO 2012/065320 :NA :NA	Industry Zone Lingang New City Pudong District Shanghai 201306 China (72)Name of Inventor: 1)TANG Yan
Filing Date	:NA	

(57) Abstract:

A twin screw liquid pump can be used for organic Rankine cycle. The twin screw liquid pump includes a semi sealed or full sealed casing. The casing includes a first chamber and a second chamber isolated from each other. A motor (401) is arranged in said first chamber. A main body of two screws is arranged in the second chamber. At least one rotor of said two screws is fixedly connected with a rotor of the motor (401). The two screws are driven to rotate by the motor (401). An inlet (409) and an outlet (410) of liquid refrigerant are arranged in said first chamber. The motor (401) is cooled by the evaporation of liquid refrigerant. An inlet (407) and an outlet (408) of liquid are arranged in said second chamber. The twin screw liquid pump has good abrasion resistance and improves the power generation efficiency of organic Rankine cycle.

No. of Pages: 14 No. of Claims: 7

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR MANUFACTURING L SHAPED PRODUCT

(51) International classification	:B21D22/26	(71)Name of Applicant :
(31) Priority Document No	:2010260782	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:24/11/2010	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2011/077073	Tokyo 1008071 Japan
Filing Date	:24/11/2011	2)SUZUKI MOTOR CORPORATION
(87) International Publication No	:WO 2012/070623	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)TANAKA Yasuharu
Number	:NA :NA	2)MIYAGI Takashi
Filing Date	.INA	3)OGAWA Misao
(62) Divisional to Application Number	:NA	4)UCHIYAMA Shigeru
Filing Date	:NA	5)SASAHARA Takatoshi

(57) Abstract:

Disclosed is a method for manufacturing an L shaped product (10) the L shaped product (10) including an L shaped flat upper wall (12) an inner sidewall (14) extended along and coupled to an inner edge portion (12c) of the upper wall and an outer sidewall (16) extended along and coupled to an outer edge portion (12d) of the upper wall wherein the inner sidewall and the outer sidewall are terminated at flange portions (18 20) respectively which are generally parallel to the upper wall. The method includes the steps of preparing a metal sheet material preparing a drawing die assembly and pressing the metal sheet material with the drawing die assembly in order to manufacture an intermediate product. The method further includes the steps of preparing a bending die assembly and further pressing the intermediate product with the bending die assembly thereby providing a completed L shaped product.

No. of Pages: 51 No. of Claims: 11

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VEHICLE SEAT

(51) International classification	:B60N2/07,B60N2/08	(71)Name of Applicant:
(31) Priority Document No	:10 2011 017 378.1	1)KEIPER GMBH & CO. KG
(32) Priority Date	:07/04/2011	Address of Applicant :Hertelsbrunnenring 2 67657
(33) Name of priority country	:Germany	Kaiserslautern Germany
(86) International Application No	:PCT/EP2012/000988	(72)Name of Inventor:
Filing Date	:06/03/2012	1)UTZINGER Karl
(87) International Publication No	:WO 2012/136294	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.4576/DELNP/2013 A

(57) Abstract:

In the case of a longitudinal adjuster for a vehicle seat having a pair of seat rails with a first seat rail which is fixed on the structure a second seat rail which is guided in said first seat rail and is connected to the vehicle seat and a releasable locking device (21) with at least one latching plate (12) for releasably locking the position of the first seat rail (5) in relation to the second seat rail (8) a four bar linkage (15a 15c 15b 15c) which interacts with the latching plate or the latching plates (12) in order to unlock the longitudinal adjuster is provided within the second seat rail.

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

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PARTITIONING OF MEMORY DEVICE FOR MULTI CLIENT COMPUTING SYSTEM

(51) International classification(31) Priority Document No	:G06F13/16,G06F12/06 :12/958748	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC.
(32) Priority Date	:02/12/2010	Address of Applicant :One AMD Place Sunnyvale CA 94088
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/062385	(72)Name of Inventor:
Filing Date	:29/11/2011	1)GIBNEY Thomas J.
(87) International Publication No	:WO 2012/074998	2)KORAN Patrick J.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method computer program product and system are provided for accessing a memory device. For instance the method can include partitioning one or more memory banks of the memory device into a first and a second set of memory banks. The method also can allocate a first plurality of memory cells within the first set of memory banks to a first memory operation of a first client device and a second plurality of memory cells within the second set of memory banks to a second memory operation of a second client device. This memory allocation can allow access to the first and second sets of memory banks when a first and a second memory operation are requested by the first and second client devices respectively. Further access to a data bus between the first client device or the second client device and the memory device can also be controlled based on whether the first memory address or the second memory address is accessed to execute the first or second memory operation.

No. of Pages: 31 No. of Claims: 28

(21) Application No.4701/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INSULATION FOR A CRYOGENIC COMPONENT

(51) International classification :F16L59/02,F16L59/14,H01B12/14

(31) Priority Document No :10015124.0 (32) Priority Date :30/11/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/070918

Filing Date :24/11/2011

(87) International Publication :WO 2012/072481

No

(61) Patent of Addition to Application Number :NA Filing Date :NA

Filing Date
(62) Divisional to Application
Number
Filing Date

NA

NA

(71)Name of Applicant:

1)GE ENERGY POWER CONVERSION TECHNOLOGY

LTD.

Address of Applicant :Boughton Road Rugby Warwickshire

CV21 1BU U.K.

(72)Name of Inventor:

1)FAIR Ruben

(57) Abstract:

The present invention provides insulation (1) for a cryogenic component (2). The insulation includes an inner portion (4) formed of a multi layer insulating material comprising alternating layers of metalized polymer film and polymer netting. An outer supporting mesh (5) surrounds the inner portion (4) and is formed of stainless steel. The insulation (1) is particularly suitable for insulating cryogenic components (2) that move during operation since the supporting mesh (5) acts to support the inner portion (4) against damage caused by forces resulting from motion of the cryogenic component (2).

No. of Pages: 12 No. of Claims: 13

(21) Application No.4702/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: RADIOTRACER COMPOSITIONS

(51) International classification	:A61K51/08,C07B63/00	(71)Name of Applicant:
(31) Priority Document No	:61/421390	1)GE HEALTHCARE LIMITED
(32) Priority Date	:09/12/2010	Address of Applicant : Amersham Place Little Chalfont
(33) Name of priority country	:U.S.A.	Buckinghamshire HP7 9NA U.K.
(86) International Application No	:PCT/EP2011/072352	(72)Name of Inventor:
Filing Date	:09/12/2011	1)ENGELL Torgrim
(87) International Publication No	:WO 2012/076697	2)GRIGG Julian
(61) Patent of Addition to Application	:NA	3)MANTZILAS Dimitrios
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to improved radiotracer imaging agent compositions which comprises F labelled biological targeting moieties wherein impurities which affect imaging are identified and suppressed. Also provided are radiopharmaceuticals comprising said improved compositions together with radiofluorinated aldehyde compositions useful in preparing said radiotracer compositions. The invention also includes methods of imaging and/or diagnosis using the radiopharmaceutical compositions described.

No. of Pages: 41 No. of Claims: 16

(21) Application No.4703/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: COMPOSITIONS CONTAINING HYDROGEN PEROXIDE OR SUBSTANCES RELEASING HYDROGEN PEROXIDE

(51) International :C01B15/08,C01B15/12,A61K8/22

classification

(31) Priority Document No :10 2010 054 866.9 (32) Priority Date :17/12/2010 (33) Name of priority country: Germany

(86) International Application :PCT/EP2011/006277

No :13/12/2011 Filing Date

(87) International Publication :WO 2012/079739

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)CLARIANT FINANCE (BVI) LIMITED

Address of Applicant: Citco Building Wickhams Cay P.O. Box 662 Road Town Tortola British Virgin Islands VIRGIN

ISLANDS

(72)Name of Inventor:

1)KLUG Peter

2)PILZ Maurice Frederic

3)BACK Ute

(57) Abstract:

The invention relates to compositions containing a) one or more substances selected from the group of hydrogen peroxide and substances releasing hydrogen peroxide b) water d) one or more substances selected from the group consisting of hydroxypyridones and the salts thereof characterized in that said compositions do not comprise polymers having thickening properties. The compositions are particularly characterized by the advantageous storage stability thereof.

No. of Pages: 27 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A CHROMATOGRAPHY PUMP

(51) International classification :F04B11/00,F04B53/06 (71)Name of Applicant : (31) Priority Document No :10512614 1)GE HEALTHCARE BIO SCIENCES AB (32) Priority Date :30/11/2010 Address of Applicant :Bjrkgatan 30 BL3 3 S 751 84 Uppsala (33) Name of priority country :Sweden Sweden (86) International Application No :PCT/EP2011/070953 (72)Name of Inventor: Filing Date :24/11/2011 1)SALVEN Owe 2)OLOVSSON Bjorn (87) International Publication No :WO 2012/072494 (61) Patent of Addition to Application 3)LUNDKVIST Mats :NA 4)KRANSE Jan

(21) Application No.4705/DELNP/2013 A

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

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

(57) Abstract:

The invention relates to a chromatography pump comprising a cylinder (202 402) in which a piston (204 404) is arranged for a reciprocating movement; a front element (208) provided with a cylinder head area (210) which together with the cylinder (202 402) and the piston (204 404) defines a cylinder space (212); an inlet valve (214) and an outlet valve (216) arranged in the front element (208); an inlet channel (218) arranged in the front element (208) between the inlet valve (214) and the cylinder head area (210); an outlet channel (220) arranged in the front element (208) between the cylinder head area (210) and the outlet valve (216). The inlet channel (218) and outlet channel (220) extend in a substantially straight direction so that air bubbles (234) are prevented from being trapped within the inlet and outlet channels (218 220).

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: 4 SUBSTITUTED CYCLOHEXYLAMINO 4 PIPERIDINYL ACETAMIDE ANTAGONISTS OF CCR2

(51) International :C07D401/12,C07D471/04,A61K31/404 classification

:61/418479

:01/12/2010

:30/11/2011

:PCT/US2011/062593

:WO 2012/075115

:U.S.A.

(31) Priority Document

(32) Priority Date

(33) Name of priority country

(86) International

Application No Filing Date

(87) International

Publication No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1)JANSSEN PHARMACEUTICA NV

Address of Applicant: Turnhoutseweg 30 B 2340 Beerse

Belgium

(72)Name of Inventor:

1)LANTER James C.

2)MARKOTAN Thomas P.

3)SUBASINGHE Nalin

4)SUI Zhihua

5)ZHANG Xuqing

(57) Abstract:

The present invention comprises compounds of Formula (I), wherein: R R R R X Y and Z are as defined in the specification. The invention also comprises a method of preventing treating or ameliorating a syndrome disorder or disease wherein said syndrome disorder or disease is type II diabetes obesity and asthma. The invention also comprises a method of inhibiting CCR2 activity in a mammal by administration of a therapeutically effective amount of at least one compound of Formula (I).

No. of Pages: 85 No. of Claims: 17

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : CELL CARRIER ASSOCIATED METHODS FOR MAKING CELL CARRIER AND CULTURING CELLS USING THE SAME

(51) International alogaification	·C12N5/00 D22V5/00	(71)Nome of Applicant
(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:12/970735	1)GENERAL ELECTRIC COMPANY
(32) Priority Date	:16/12/2010	Address of Applicant :1 River Road Schenectady New York
(33) Name of priority country	:U.S.A.	12345 U.S.A.
(86) International Application No	:PCT/EP2011/073064	2)GE HEALTHCARE UK LIMITED
Filing Date	:16/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/080473	1)RANGARAJAN Arvind
(61) Patent of Addition to Application	:NA	2)SUSARLA Prameela
Number	*	3)MILLER Scott Michael
Filing Date	:NA	4)SMITH Reginald Donovan
(62) Divisional to Application Number	:NA	5)RUBINSZTAJN Slawomir
Filing Date	:NA	6)BELETSKII Anton

(57) Abstract:

A carrier for growing adherent cells is provided wherein the carrier comprises one or more outer surfaces; and one or more structured indentations on one or more of the outer surfaces wherein the carrier has a length at least about 0.2 mm a width at least about 0.2 mm and a height in a range from about 0.05 mm to 1.2 mm and each of the structured indentations has a major axis in a range from about 0.1 mm to 0.5 mm and a depth in a range from about 0.025 mm to about 0.5 mm. The carrier may comprise a single indentation or cup like structure or may comprise a plurality of indentations. A method of making the carrier and culturing stromal cells using the same carrier are also provided.

No. of Pages: 47 No. of Claims: 10

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : FLUIDIC MODULE FABRICATION WITH HETEROGENEOUS CHANNEL FORMING LAMINATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C03B23/02 :10306303.8 :26/11/2010 :EPO :PCT/US2011/060080 :10/11/2011 :WO 2012/071178 :NA :NA :NA	(71)Name of Applicant: 1)CORNING INCORPORATED Address of Applicant: 1 Riverfront Plaza Corning New York 14831 U.S.A. (72)Name of Inventor: 1)GROULT Aline Martine Marie 2)MARQUES Paulo Gaspar Jorge 3)SELLAM Armand
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(57) Abstract:

A method is provided for fabricating a fluidic module (80) comprising fluidic channels (60) defined within a glass or glass ceramic structure. According to the method a heterogeneous channel forming laminate (10) is provided comprising a mold engaging layer (20) and a laminate backbone (30). The laminate backbone (30) comprises a vitreous body defining a supportive viscosity μ . A channel forming mold (50) is pressed into engagement with the mold engaging layer (20) of the channel forming laminate (10) at a molding temperature T to form fluidic channel components (40) in the channel forming laminate (10). The molding viscosity μ 0 fthe mold engaging layer (20) is less than the supportive viscosity μ 8 of the laminate backbone (30) at the molding temperature T. The pressed channel forming laminate (10) is stacked with a plurality of complementary pressed channel forming laminates (10) to define a plurality of fluidic channels (60) in a stacked laminate structure (70). The plurality of fluidic channels (60) in the stacked laminate structure (70) is sealed at a sealing temperature T that is less than the molding temperature T and above a softening point temperature of the mold engaging layer (20). Fluidic modules (80) comprising a stacked laminate structure (70) are also provided.

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

(21) Application No.4708/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ABSORBER DEMETHANIZER FOR FCC PROCESS

(51) International classification: C07C7/08, C07C11/04, C10G11/18 (71) Name of Applicant:

(31) Priority Document No :12/952952 (32) Priority Date :23/11/2010

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

(86) International Application :PCT/US2011/057278

:21/10/2011 Filing Date

(87) International Publication :WO 2012/071120

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)LUMMUS TECHNOLOGY INC.

Address of Applicant: 1515 Broad Street Bloomfield NJ 07003

3096 U.S.A.

(72)Name of Inventor:

1)STANLEY Stephen J. 2)DE HAAN Stephen

3)KUZMA Peter Daniel Jr.

(57) Abstract:

A process for recovering ethylene is disclosed the process including: recovering a ethylene containing stream comprising methane ethylene and nitrogen oxides from at least one of an ethylene production process and an ethylene recovery process; separating the ethylene containing stream via extractive distillation using at least one C hydrocarbon absorbent to produce an overheads fraction comprising methane and nitrogen oxides and a bottoms fraction comprising the at least one C hydrocarbon absorbent and ethylene; wherein the separating comprises operating the extractive distillation at temperatures and pressures sufficient to prevent any substantial conversion of nitrogen oxides to N0.

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

(21) Application No.4709/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: GUIDE ELEMENT AND DEVICE FOR CREATING A HOLE IN A BONE

(51) International classification(31) Priority Document No	:A61C1/08,A61C8/00,A61B17/17 :A 1839/2010	(71)Name of Applicant: 1)JEDER GMBH
(32) Priority Date	:09/11/2010	Address of Applicant: Starkfriedgasse 62/4 A 1190 Wien
(33) Name of priority country	:Austria	Austria
(86) International Application	:PCT/AT2011/000406	(72)Name of Inventor:
No	:30/09/2011	1)EDER Klaus
Filing Date	.50/05/2011	
(87) International Publication	:WO 2012/061854	
No		
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract:

The invention relates to a guide element (100) for arranging on a device for the penetrating extension of a blind hole created in hard tissue in particular in the jawbone (24) wherein said device comprises a hollow body (1) that forms a pressure chamber (7) and that has a distal working opening (2) and an inlet opening (3) opposite the working opening (2). According to the invention the guide element (100) can be inserted into the inlet opening (3) with a tight fit and the inlet opening (3) can be closed by the guide element (100) the guide element (100) has a through hole (101) through which a shaft (5) of a working tool (6) for example of a milling tool can be guided and inserted into the hollow body (1) and the guide element (100) has a connection (108) for a working medium for applying an internal pressure in the pressure chamber (7) or in the hollow body (1).

No. of Pages: 30 No. of Claims: 33

(21) Application No.4587/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: WATER TREATMENT USING A BIPOLAR MEMBRANE

(51) International classification: C02F1/461,B01D61/44,C25B9/08 (71)Name of Applicant:

:02/12/2011

(31) Priority Document No :12/977274 (32) Priority Date :23/12/2010

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

(86) International Application :PCT/US2011/063033

Filing Date

(87) International Publication :WO 2012/087537

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)GENERAL ELECTRIC COMPANY

Address of Applicant: 1 River Road Schenectady NY 12345

(72)Name of Inventor:

1)XIAO Caibin 2)YANG Hai

3)SUI Caroline Chihyu

(57) Abstract:

A method of water treatment comprising: providing an electrolysis device comprising an electrolysis vessel; providing feed streams to the first salt water chamber of the vessel second salt water chamber of the vessel acidic chamber of the vessel and alkalic chamber of the vessel the acidic chamber producing an acidic solution and the alkalic chamber producing an alkalic solution; directing at least a portion of the contents of the first and second salt water chambers into a precipitation tank; directing at least a portion of the alkalic solution into the precipitation tank thereby increasing the pH in the precipitation tank to produce precipitate; and removing the precipitate from the precipitation tank.

No. of Pages: 27 No. of Claims: 19

(21) Application No.4715/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: PUMP IN PARTICULAR HIGH PRESSURE FUEL PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F04B1/04 :10 2010 062 678.3 :09/12/2010 :Germany :PCT/EP2011/071784 :05/12/2011 :WO 2012/076484 :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)BOECKING Friedrich
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The pump comprises at least one pump element (18) that has a pump piston (20) which is at least indirectly driven by a rotating drive shaft (14) during a reciprocating motion said drive shaft (14) including at least one cam (16). The pump further comprises a pump housing (10) inside which the drive shaft (14) is arranged and into which liquid medium is delivered via a supply port (66) and from which liquid medium is discharged via a discharge port (68). The pump housing (10) and the at least one cam (16) of the drive shaft (14) delimit a chamber (64) inside the pump housing (10) said chamber (64) into which the supply port (66) and the discharge port (68) run extending along the periphery of the at least one cam (16).

No. of Pages: 13 No. of Claims: 10

(21) Application No.4716/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: HYDRAULIC ACCUMULATOR DEVICE

(51) International classification	:F15B1/10	(71)Name of Applicant:
(31) Priority Document No	:10 2010 062 693.7	1)ROBERT BOSCH GMBH
(32) Priority Date	:09/12/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/071691	(72)Name of Inventor:
Filing Date	:05/12/2011	1)VOGT Andreas
(87) International Publication No	:WO 2012/076436	2)SCHMUTTERMAIR Peter
(61) Patent of Addition to Application	:NA	3)BORK Ingo
Number	:NA	4)ENGELBERG Ralph
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a hydraulic accumulator device in the form of a membrane accumulator comprising a membrane (16) which separates a pneumatic volume from a hydraulic volume. In order to improve said hydraulic accumulator device with respect to the degree of efficiency and/or manufacturing costs the membrane (16) is tensioned between two holding bodies (4 5) which respectively comprise several recesses (11 14) and between which the membrane (16) is tensioned in order to produce several hydropneumatic membrane accumulators.

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

(19) INDIA

(22) Date of filing of Application :28/05/2013

(21) Application No.4717/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: WIPER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:08/11/2011 :WO 2012/079851 :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)DEPONDT Helmut
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention is based on a wiper device for a motor vehicle window with a wiper arm adapter unit (10a 10d) and a wiper blade adapter unit (12a 12d) which in a fitted state form a form fitting connection and with a fastening recess (20a 20d). It is proposed that the wiper device has a positionally fixed fastening means (18a 18d) for engaging in the fastening recess (20a 20d) in order to restrict the wiper arm adapter unit (10a 10d) in the freedom of movement thereof in the fitted state.

No. of Pages: 14 No. of Claims: 12

(21) Application No.4718/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: WINDOW WIPER DEVICE

(51) International classification :B60S1/04,B60S1/24,B60S1/34 (71)Name of Applicant : (31) Priority Document No :10 2010 062 495.0

(32) Priority Date :07/12/2010 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/070348

Filing Date :17/11/2011 (87) International Publication No :WO 2012/076312

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)YOSHIYASSE Ciro 2)ABE Ricardo Masami 3)CARRARI FILHO Alberto 4)POPOTIC GARCIA Fabricio

(57) Abstract:

The invention relates to a window wiper device 1 having a wiper drive 10 a support element 5 a crank drive 60 and at least one wiper shaft 20 coupled to the wiper drive 10 the wiper drive 10 being disposed on the back side of the support element 5 the wiper shaft 20 being guided in a receptacle 54 in the support element 5 characterized in that the support element 5 comprises a first leg 51 52 and a second leg 50 wherein a fastening element 15 is provided on the first leg 51 52 and the receptacle 54 of the wiper shaft 20 is provided on the second leg 50 wherein the legs 50 51 52 are disposed on the support element 5 such that the support element 5 comprises a pan shaped base shape wherein the wiper drive 10 is mounted on the support element 5 in a flat center segment 53 between the two legs 50 51 52 and wherein the two legs 50 51 52 each comprise an end region 55 56 57 aligned approximately parallel to the center segment 53.

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

(21) Application No.4608/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PRE FETCHING OF ASSETS TO USER EQUIPMENT

(51) International classification :G06F17/30,H04L29/08 (71)Name of Applicant : (31) Priority Document No :12/964923 1)ALCATEL LUCENT (32) Priority Date :10/12/2010 Address of Applicant: 3 avenue Octave Grard F 75007 Paris (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2011/063527 (72)Name of Inventor: Filing Date 1)AKHTAR Shahid :06/12/2011 (87) International Publication No :WO 2012/078628 2)LAINE Philippe (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Systems and methods are disclosed for pre fetching assets from content providers to user equipment (UE). In one embodiment the UE initiates a pre fetch operation to download assets from content providers in advance of an end user requesting the assets. The UE accesses a resource profile for the pre fetch operation that indicates the content providers that have assets for the UE to download in advance for local storage on the UE and defines a percentage of UE resources allocated to each of the content providers for downloading the assets during the pre fetch operation. The UE may then download the assets from the content providers based on the resource profile and store the assets in a local memory.

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

12) FATENT AFFLICATION FUBLICATION

(21) Application No.4609/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WIPER DRIVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60S1/58,B60S1/34 :102010062236.2 :01/12/2010 :Germany :PCT/EP2011/068631 :25/10/2011 :WO 2012/072340 :NA :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)SEIERT Paul 2)STERNS Orlando 3)GEUBEL Paul
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(57) Abstract:

The invention relates to a wiper drive for a rear window wiper of a motor vehicle comprising a drive unit having a wiper shaft for the oscillating pivoting about a rotational axis and having a protective cap surrounding the wiper shaft in an axial section wherein the protective cap is connected to a housing of the drive unit by way of a radial press fit connection. The protective cap comprises a detent element engaging in a recess in the housing in order to absorb axial forces on the protective cap.

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

(21) Application No.4736/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: COMPOSITIONS OF FAT SOLUBLE ACTIVE INGREDIENTS CONTAINING PLANT PROTEIN SOY POLYSACCHARIDE COMPLEXES

(51) International classification: A23L1/052, A23L1/275, A23L1/30 (71) Name of Applicant: (31) Priority Document No :201010614218.8 (32) Priority Date :23/12/2010 (33) Name of priority country: China

:WO 2012/084624

(86) International Application :PCT/EP2011/072690

:14/12/2011 Filing Date

(87) International Publication No

(61) Patent of Addition to :NA **Application Number** :NA

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

Filing Date

1)DSM IP ASSETS B.V.

Address of Applicant: Het Overloon 1 NL 6411 The Heerlen

Netherlands

(72)Name of Inventor:

1)DENG Wei

2)LEUENBERGER Bruno

3)VIDONI Olivia 4)YAO Ping

5)YIN Baoru

(57) Abstract:

The present invention relates to compositions comprising a) 0.1 to 70 weight % based on the composition of one or more fat soluble active ingredients; b) one or more plant protein(s) chosen from the group of proteins suitable for food application; and c) one or more soy soluble polysaccharide(s); wherein the sum of the amount of protein(s) and the amount of polysaccharide(s) represents 10 to 85 weight % based on the composition in dry matter and wherein the weight ratio of protein(s) to polysaccharide(s) is chosen like 1: b with the proviso that b is comprised between 0.5 and 15.

No. of Pages: 49 No. of Claims: 12

(21) Application No.4737/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : NETWORK SYSTEM INTERFACE BOARD METHOD OF CONTROLLING PRINTING ON AN NETWORK SYSTEM AND PROGRAM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F3/12 :2011027533 :10/02/2011 :Japan :PCT/JP2012/053584 :08/02/2012 :WO 2012/108547 :NA :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)NAKAMURA Hideo 2)NISHIZAWA Koji 3)YAMAJI Atsushi
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(57) Abstract:

A client terminal has a web page acquisition unit that gets a web page having an embedded print control script that operates on a web browser and controls printing related to the web page from a web application server a drawing process unit that writes input operations on the web page in a drawing area a print data generation unit that generates print data from the image data in the drawing area according to the print control script when triggered by a print operation on the web page and a print command unit that commands printing the print data according to the print control script.

No. of Pages: 91 No. of Claims: 21

(21) Application No.4738/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: FAN ASSEMBLY COMPRISING ANNULAR NOZZEL AND CEILING MOUNT

(51) International

:F24F7/007,F04D25/08,F04D29/64 classification

:WO 2012/085525

(31) Priority Document No :1021906.1 (32) Priority Date :23/12/2010 (33) Name of priority country: U.K.

(86) International Application :PCT/GB2011/052326

:25/11/2011

Filing Date

(87) International Publication No

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)DYSON TECHNOLOGY LIMITED

Address of Applicant : Tetbury Hill Malmesbury Wiltshire

SN16 ORP U.K.

(72)Name of Inventor: 1)DYSON James 2)STEWART Neil 3)BROWN Rodney 4)ORIORDAN Mark

A fan assembly for generating an air flow within a room includes an air inlet section having an air inlet an impeller and a motor for rotating the impeller about an impeller axis to draw an air flow through the air inlet and an annular nozzle having an inner wall an outer wall extending about the inner wall an air inlet for receiving the air flow an air outlet for emitting the air flow and an interior passage located between the inner wall and the outer wall for conveying the air flow to the air outlet the inner wall defining a bore through which air from outside the nozzle is drawn by the air flow emitted from the air outlet. A support assembly supports the air inlet section and the nozzle on a ceiling of the room.

No. of Pages: 39 No. of Claims: 34

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : HEAT EXCHANGER FOR A SYSTEM FOR SOLIDIFYING AND/OR CRYSTALLIZING A SEMICONDUCTOR

(51) International :C30B11/00,C30B29/06,H01L23/367

classification .C30B17/00,C30B29/00,H01E23/30

(31) Priority Document No :1059867 (32) Priority Date :29/11/2010

(33) Name of priority country :France

(86) International

Application No :PCT/EP2011/071290

Filing Date :29/11/2011

(87) International Publication No :WO 2012/072633

(61) Patent of Addition to Application Number :NA Filing Date :NA

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

(71)Name of Applicant:

1)COMMISSARIAT A LENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

Address of Applicant :Btiment Le Ponant D 25 rue Leblanc F

75015 Paris France (72)Name of Inventor: 1)PIHAN Etienne 2)CAMEL Denis

3)COUDURIER Nicolas

(57) Abstract:

The invention relates to a heat exchanger (1) for a system for solidifying and/or crystallizing a semiconductor the heat exchanger comprising a first part (2) and a second part (3) the first and second parts being moveable relative to each other characterized in that the first part comprises first reliefs (21) and the second part comprises second reliefs (31) the first reliefs being intended to interact with the second reliefs.

No. of Pages: 38 No. of Claims: 20

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ROUTE FOR VEHICLES AND METHOD OF BUILDING THE ROUTE

(51) International classification :B60L5/00,B60M1/34,B60M7/00 (71)Name of Applicant: (31) Priority Document No :1019799.4 (32) Priority Date :22/11/2010

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

(86) International Application :PCT/EP2011/070716 :22/11/2011

Filing Date (87) International Publication

:WO 2012/069494

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)Bombardier Transportation GmbH

Address of Applicant: Schneberger Ufer 1 10785 Berlin

Germany

(72)Name of Inventor: 1)CZAINSKI Robert 2)VIETZKE Oliver

(57) Abstract:

Route for vehicles and method of building the route The invention relates to a route (19a) for vehicles driving on a surface of the route (19a) in particular for road automobiles wherein: the route (19a) comprises a plurality of shaped blocks (4) adapted to position and/or to hold a plurality of line sections of one or more electric lines (37a 37b 37c) each shaped block comprises recesses (41 42) forming spaces and/or projections delimiting spaces for receiving at least one of the line sections the electric line or lines (37a 37b 37c) extend(s) through the spaces the electric line or lines (37a 37b 37c) extend(s) along the surface of the route (19a) in and/or about the travelling direction of vehicles which are driving on the route (19a) the shaped blocks (4) and the electric line or lines (37a 37b 37c) are supported by a base layer (31) of the route (19a) the shaped blocks (4) and the electric line or lines (37a 37b 37c) are covered by a cover layer (35) of the route (19a) the material of the cover layer (35) is also located in regions of the route sideways of the shaped blocks (4) so that the shaped blocks (4) and the cover layer (35) form an integrated layer on top of the base layer (31).

No. of Pages: 36 No. of Claims: 23

(21) Application No.4745/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ORAL CARE IMPLEMENT

(51) International classification :A46B9/04,A46B9/06,A46B3/00 (71)Name of Applicant :

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No:PCT/CN2010/002108

Filing Date :21/12/2010

(87) International Publication No: WO 2012/083488

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) COLGATE PALMOLIVE COMPANY

Address of Applicant :300 Park Avenue New York NY 10022

(72)Name of Inventor:

1)XI Weniin 2)LIU Yu

3)ZHOU Jianrong

(57) Abstract:

An oral care implement such as a toothbrush comprises a flexibly head formed of a plurality of flexible connected segments. In one embodiment the invention can be an oral care implement comprising a handle and a head. The head can be formed by a plurality of spaced apart segments constructed of a rigid material and separated by a channel containing an elastomeric material. An elastomeric cleaning element comprising a base portion and an upper portion extends from a front surface of the head. The elastomeric cleaning element extends from and is connected to the elastomeric material of the channel so that the base portion overlies a portion of each of the front surfaces of the segments on opposing sides of the channel. In another embodiment the invention can be the elastomeric cleaning element itself irrespective of the type of head in which it is incorporated. In yet another embodiment the base portion can be tapered.

No. of Pages: 43 No. of Claims: 38

(12) THERT THE ENTROTY TO BEIGHTIC

(21) Application No.4746/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ORAL CARE IMPLEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A46B9/04 :NA :NA :NA :PCT/CN2010/002110 :21/12/2010 :WO 2012/083490 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)XI Wenjin 2)LIU Yu 3)ZHOU Jianrong
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(57) Abstract:

An oral care implement such as a toothbrush is provided. The oral care implement comprises a handle (110) and a head (120). A plurality of tooth cleaning elements (130) are provided on a front surface of the head. The head is formed by a plurality of spaced apart segments (140 141 142 143 144 145) made of a rigid material. The segments are isolated from one another by channels (157 158A 158B 159A 159B) containing an elastomeric material that flexibly connects the segments together. The oral care implement further comprises an elastomeric soft tissue cleaner (200) located on a rear surface of the head opposite the front surface of the head. The elastometric soft tissue cleaner comprises a plurality of grooves (204) that are aligned with the channels.

No. of Pages: 40 No. of Claims: 20

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD FOR PURIFICATION OF A HYDROCARBON STREAM CONTAINING OLEFIN AND AMINE

(51) International classification	:C07C7/04	(71)Name of Applicant :
(31) Priority Document No	:10192247.4	1)LINDE AG
(32) Priority Date	:23/11/2010	Address of Applicant :Klosterhofstrasse 1 80331 Mnchen
(33) Name of priority country	:EPO	Germany
(86) International Application No	:PCT/EP2011/004828	2)SAUDI BASIC INDUSTRIES CORPORATION
Filing Date	:27/09/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/069104	1)MLLER Wolfgang
(61) Patent of Addition to Application	:NA	2)HAFF Marco
Number	:NA	3)WELLENHOFER Anton
Filing Date	.11/1	4)W–HL Anina
(62) Divisional to Application Number	:NA	5)BOLT Heinz
Filing Date	:NA	6)MEISWINKEL Andreas

(57) Abstract:

The present invention relates to a method for purification of a hydrocarbon stream containing linear alpha olefins isomers thereof and at least one organic amine the linear alpha olefins isomers and the amine having boiling points under atmospheric pressure which differ by at most 5°C comprising the step of removing a major amount of the organic amine from the hydrocarbon stream by distillation wherein the distillation is carried out to that together with the amine between 5% and 95 wt% of the isomers based on the total amount of the isomers in the hydrocarbon stream are removed from the hydrocarbon stream in an amine/isomer rich fraction.

No. of Pages: 11 No. of Claims: 9

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : SYSTEM AND METHOD FOR CONTAINERIZED TRANSPORT OF LIQUIDS BY MARINE VESSEL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:B65D88/00 :12/960490 :04/12/2010 :U.S.A. :PCT/US2011/048740 :23/08/2011 :WO 2012/074584	(71)Name of Applicant: 1)ARGENT MARINE MANAGEMENT INC. Address of Applicant: 889 Alder Avenue Suite 300 Incline Village Nevada 89451 U.S.A. (72)Name of Inventor: 1)VAN TASSEL Gary W.
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

A marine vessel and a system and method of using the marine vessel to facilitate the introduction of bulk liquid commodities such as LNG into the established and extensive worldwide intermodal transportation system which is based on containerized shipments. The marine vessel is a specialized vessel of either ship or barge form that is capable of holding a large number of ISO sized intermodal LNG tanks and is configured so as to have at one and the same time characteristics of both a tanker vessel (e.g. a gas carrier) and a container vessel. The intermodal LNG tanks connect to a piping system of the marine vessel and are thereby interconnected in such a manner that allows the interconnected intermodal LNG tanks to behave as if they constitute a typical LNG vessel bulk liquid tank to facilitate efficient loading at a typical marine LNG terminal.

No. of Pages: 32 No. of Claims: 38

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PLANT DIAGNOSTIC DEVICE AND PLANT DIAGNOSTIC METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA :PCT/JP2010/007025 :02/12/2010 :WO 2012/073289 :NA :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)SEKIAI Takaaki 2)EGUCHI Toru 3)KUSUMI Naohiro 4)FUKAI Masayuki 5)MURAKAMI Masahiro
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided is a plant diagnostic device able to detect forewarning that the plant is on the way form normal to abnormal status. The plant diagnostic device diagnoses the plant s operational status on the basis of a measurement signal in which a state quantity is measured from the plant and displays the diagnostic result on an image display device. The plant diagnostic device is provided with: a learning means for constructing a model used in the diagnosis using the measurement signal that measures the state quantity of the plant; and a diagnostic means for diagnosing the operational status of the plant using the model built by the learning means. The learning means has a categorization unit that categorizes data with similar values into the same category; a period determination unit that determines the normal period forewarning period and abnormal period by assessing the difference in trends in the measurement signal on the basis of the categorization result of the categorization unit; and a model construction unit that constructs a normal model using measurement signals in the normal period. The plant diagnostic device is configured so that the diagnostic means determines whether or not the measurement signal at the current time is categorized into the normal model constructed by the model construction unit; and in the case that the measurement signal at the current time is within the normal model diagnoses that the plant is in normal status and such is displayed on the image display device; and in the case that the measurement signal at the current time is not within the normal model diagnoses that the plant is in an unknown status not experienced previously and such is displayed on the image display device.

No. of Pages: 82 No. of Claims: 10

(21) Application No.4626/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : APPARATUS FOR THE GENERATION OF WAVES IN THE MARINE ENVIRONMENT BY MEANS OF IMPACTING PISTONS AND GAS HYDRAULIC VAPOUR AND ELECTROMAGNETIC LAUNCHING SYSTEM FOR THE ACQUISITION OF SEISMIC DATA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G01V1/135,G01V1/145 :MI2010A 002201 :26/11/2010 :Italy :PCT/EP2011/070987 :24/11/2011 :WO 2012/069611 :NA :NA	(71)Name of Applicant: 1)ENI S.P.A. Address of Applicant: Piazzale E. Mattei 1 I 00144 Roma Italy (72)Name of Inventor: 1)CARCATERRA Antonio 2)CALCAGNI Davide 3)SANDRONI Stefano Carlo Luigi 4)BREGA Francesca Gaia
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Apparatus for the generation of pressure waves for seismic surveys in marine environment comprising a cylinder (3) defining an axis in which a striker piston (1) and a pump piston (2) are situated each having two respective opposite sides with respect to said axis of which a side of the striker piston (1) situated in front of the pump piston (2) is defined first impact side and a side of the pump piston (2) in front of the striker piston (1) is defined second impact side the pump piston (2) and the striker piston (1) sliding in the cylinder (3) in a direction parallel to the axis and the pump piston (2) and striker piston (1) being such as to strike against each other by means of the first and the second impact sides the striker piston (1) being driven by activation means pressing on the side opposite to its own impact side wherein the cylinder (3) comprises at one of its ends a chamber (15) having a diameter larger smaller or equal to that of the portion of cylinder (3) in which the striker piston (1) is housed wherein in said chamber (15) a part of the pump piston (2) can slide communication passages which connect the chamber (15) with the water of the marine environment (10) so as to transmit an impulse generated by said impact to the marine environment.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : IMPROVED ENCODED MACROCARRIERS ASSAY SYSTEM USING THEM AND METHOD FOR PERFORMING AN ASSAY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:06/02/2012 :WO 2012/106827 :NA :NA	(71)Name of Applicant: 1)BIOCARTIS SA Address of Applicant: Quartier Innovation EPFL G CH 1015 Lausanne Switzerland (72)Name of Inventor: 1)DEMIERRE Nicolas
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to an encoded microcarrier (2) comprising a readable code attached to it for identification said encoded microcarrier (2) comprising a body (3) having at least a detection surface (6) to detect a chemical and/or biological reaction the microcarrier further comprising at least a spacing element (9) projecting from the body (3) and shaped to ensure that when the encoded microcarrier (2) is laid on a flat plane with the detection surface (6) facing said flat plane a gap exists between said flat plane and the detection surface (6). The invention also relates to an assay device designed to use a plurality of said encoded microcarriers (2) to perform assays. The invention relates finally to a method for monitoring a chemical or biological reaction.

No. of Pages: 22 No. of Claims: 15

(21) Application No.4756/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : COMPOSITION AND METHOD FOR THE DEPOSITION OF CONDUCTIVE POLYMERS ON DIELECTRIC SUBSTRATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:C08G61/12,C25D5/56,H01B1/12 :10189442.6 :29/10/2010 :EPO :PCT/US2011/058628 :31/10/2011	(71)Name of Applicant: 1)ENTHONE INC. Address of Applicant: 350 Frontage Road West Haven Connecticut 06516 U.S.A. (72)Name of Inventor: 1)RIETMANN Christian 2)RASMUSSEN Hanna
(87) International Publication No	:WO 2012/058681	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a composition and a process for the deposition of conductive polymers on dielectric substrates. In particular the invention relates to a composition for the formation of electrically conductive polymers on the surface of a dielectric substrate the composition comprising at least one polymerizable monomer which is capable to form a conductive polymer an emulsifier and an acid characterized in that the composition comprises at least one metal ion selected from the group consisting of lithium ions sodium ions aluminum ions beryllium ions bismuth ions boron ions indium ions and alkyl imidazolium ions.

No. of Pages: 43 No. of Claims: 41

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: STEREOLITHOGRAPHY SYSTEMS AND METHODS USING INTERNAL LASER MODULATION

(31) Priority Document No :61/417719 1)3 (32) Priority Date :29/11/2010 A (33) Name of priority country :U.S.A. SC 29/11/2011 (86) International Application No :PCT/US2011/062361 (72)	1)Name of Applicant: 1)3D SYSTEMS INC. Address of Applicant: 333 Three D Systems Circle Rock Hill C 29730 U.S.A. (2)Name of Inventor: 1)COOPER Guthrie
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(57) Abstract:

Stereolithography systems (10) and methods using internal laser modulation are disclosed. The system includes an internally modulated diode pumped frequency multiplied solid state (DPFMSS) laser 40. There is no external modulation system (EMS) within an external optical path (OPE) between the laser and a scanning system (80). The scanning system directs a laser beam (72) with laser pulses (72P) to a focus position (FP) on surface (23) of a build material (22) to form bullets (25) therein to define a build layer (30) based on build instructions for forming a three dimensional object (32).

No. of Pages: 42 No. of Claims: 12

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: AN AEROSOL GENERATING SYSTEM WITH LEAKAGE PREVENTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A24F47/00 :10252050.9 :03/12/2010 :EPO :PCT/EP2011/071553 :01/12/2011 :WO 2012/072762 :NA :NA :NA	(71)Name of Applicant: 1)PHILIP MORRIS PRODUCTS S.A. Address of Applicant: Quai Jeanrenaud 3 CH 2000 Neuchatel Switzerland (72)Name of Inventor: 1)THORENS Michel 2)FLICK Jean Marc 3)COCHAND Olivier Yves 4)DUBIEF Flavien
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(57) Abstract:

There is provided an aerosol generating system for heating a liquid aerosol forming substrate. The system includes a liquid storage portion (113) for storing the liquid aerosol forming substrate (115) and leakage prevention means configured to prevent or reduce leakage of the liquid aerosol forming substrate from the liquid storage portion. The leakage prevention means may comprise one or more of a porous plug at least partially located within the liquid storage portion sealing means between the liquid storage portion and a capillary wick (117) and sealing means between the liquid storage portion and an electrical connector of an electric heater (119).

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

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WATER SUPPLY PUMP CONTROL DEVICE

(51) International classification :F04B49/08,F0
(31) Priority Document No :2011087150
(32) Priority Date :11/04/2011
(33) Name of priority country :Japan

(86) International Application No :PCT/JP2012/053081

Filing Date :10/02/2012

(87) International Publication No :WO 2012/140944

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
:NA
:NA

:F04B49/08,F04B49/06 (71)**Name of Applicant :**

1)FUJI ELECTRIC CO. LTD.

Address of Applicant :1 1 Tanabeshinden Kawasaki ku

Kawasaki city Kanagawa 2109530 Japan

(21) Application No.4760/DELNP/2013 A

(72)Name of Inventor: 1)MINAMI Masahiro

(57) Abstract:

(19) INDIA

The presence of boost pressure in a pump is assessed from error between an actual operating point and F P characteristics represented the relationship between power consumption and output frequency of an inverter. When boost pressure is present the amount for correcting the linearization characteristics representing the relationship between the flow rate and the discharge side pressure is automatically calculated on the basis of the error and the linearization characteristics are corrected. Thereafter the output frequency of the inverter unit is controlled by PID control in accordance with a target pressure obtained from the corrected linearization characteristics and a control is performed for keeping an estimated terminal pressure constant. This eliminates the need to have a pressure sensor and/or a flow rate sensor on the intake side of the pump simplifies a water supply pump controller and enables costs to be reduced. The discharge pressure of the pump is kept at a predetermined level a control is performed for keeping the estimated terminal pressure constant and both resources and energy are conserved.

No. of Pages: 30 No. of Claims: 4

(19) INDIA

(22) Date of filing of Application :29/05/2013

(21) Application No.4761/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: COOLING UNIT FOR MICROREPLICATION

(51) International

:B29C43/22,B29C35/16,B29C59/00

classification (31) Priority Document No

:61/418153 :30/11/2010

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

(86) International Application :PCT/US2011/062199

Filing Date

:28/11/2011

(87) International Publication: WO 2012/074906 No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)AVERY DENNISON CORPORATION

Address of Applicant :150 N. Orange Grove Blvd. Pasadena

CA 91103 U.S.A.

(72)Name of Inventor:

1)ROZENBAOUM Eugene

(57) Abstract:

According to one exemplary embodiment an apparatus for microreplication is disclosed. The apparatus includes a cooling unit (110) that contains a bottom layer (111) a plurality of side walls (112) and an intermediate layer (113). The bottom layer has an outer perimeter and the plurality of side walls surround the outer perimeter of the bottom layer. The intermediate layer is positioned between the bottom layer and an upper portion of the side walls. The intermediate layer may include a plurality of openings (116 117 118) which may either hold a device that dispenses cooling agents or be used for drainage of cooling agents. The method utilizes the apparatus after heating and pressing of a polymer film during microreplication.

No. of Pages: 21 No. of Claims: 20

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD AND SYSTEM FOR PRODUCING DIRECT REDUCED IRON AND/OR HOT METAL USING BROWN COAL

(31) Priority Document No (32) Priority Date (33) Name of priority country (36) International Application No Filing Date (87) International Publication No Number Filing Date (62) Divisional to Application Number Filing Date (31) Priority Document No (261/423173 (215/12/2010 (215/12/2010 (22725 Water Ridge Parkway Suite 100 (28217 U.S.A. (32) Priority Date (2018-2010 (201
(62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention provides a method for producing direct reduced iron and/or hot metal using high moisture content carbonaceous material including: agglomerating carbonaceous material from the high moisture content carbonaceous material with a metal oxide bearing material to form an agglomerate suitable for use in a direct reduction and/or hot metal producing process. The method also includes distilling the high moisture content carbonaceous material. The method further includes dry quenching the carbonaceous material obtained from the distilling step. The method still further includes drying the high moisture content carbonaceous material with energy from a hot off gas from a furnace for producing direct reduced iron and/or hot metal prior to the distilling step.

No. of Pages: 27 No. of Claims: 28

(21) Application No.4763/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM FOR DIP COATING ARTICLES

(51) International classification	:B65G49/04	(71)Name of Applicant :
(31) Priority Document No	:10 2011 011 901.9	1)EISENMANN AG
(32) Priority Date	:21/02/2011	Address of Applicant : T ¹ / ₄ binger Str. 81 71032 Bblingen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/000535	(72)Name of Inventor:
Filing Date	:07/02/2012	1)ROBBIN Jrg
(87) International Publication No	:WO 2012/113506	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system (1) is described for dip coating articles (3) in particular vehicle bodies which articles (3) can be moved to at least one dip tank (2) and away from it with the aid of a transport system (4). For being lowered into and raised out of the tank they are placed onto a rotating platform (16) of at least one stationary rotating station (5 6) and are dipped into the treatment liquid and removed from it by rotation of the rotating platform (16). Each article (3) is fastened with the aid of a fastening device (11) on a skid (7) which interacts with the transport system (8). The fastening device (11) is configured in such a way that the article (3) which is fastened to the fastening device (11) is at a smaller spacing from the rotating platform (16) in the removed position than in the second dipped position. In this way the height at which the transport system (8) runs and the vehicle body (3) moves through the system (1) is lower than in systems of known designs.

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

(21) Application No.4764/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD FOR MANUFACTURING A ROOF COVERING ELEMENT MADE OF PLANT FIBRES AND ROOF COVERING ELEMENT

:D21J3/00,D21J7/00,E04D1/08 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)ONDULINE :1061086 (32) Priority Date :22/12/2010 Address of Applicant :35 Rue Baudin F 92300 Levallois Perret (33) Name of priority country :France (86) International Application No :PCT/FR2011/053135 (72)Name of Inventor: Filing Date 1)THOMAS Michel :21/12/2011 (87) International Publication No :WO 2012/085465 2)KAMIL Melih (61) Patent of Addition to 3) RUFFENACH Fransois Application Number 4)FOUTEL Martin :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to a method for manufacturing a covering element made of moulded cellulose impregnated with roofing bitumen. In a first step an element preferably made of cellulose is manufactured by means of hot pressing in a mould; in a second step when the element has a dry matter content of at least 60% upon removal from the mould said element is covered with pigmented varnish and dried; and in a third step when the element has a dry matter content of at least 98% said element is impregnated with a hot bitumen. Specific operational conditions are indicated. The covering elements include in particular a side ridge portion a ridge cap a ridge kit a cant strip or skylight frame and a hip rafter.

No. of Pages: 39 No. of Claims: 11

(21) Application No.4765/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DIGESTIVE TRACT DETOXICANT FOR VERTEBRATES

(51) International :A61K31/695,A61P1/00,A61P39/00

classification .A01K31/093,A01F1/00,A01F39/00

(31) Priority Document No :2010145584 (32) Priority Date :10/11/2010 (33) Name of priority country :Russia

(86) International Application :PCT/RU2011/000877

Filing Date :09/11/2011

(87) International Publication: WO 2012/064230

No (1) Detect of Addition to

(61) Patent of Addition to Application Number Filing Date :NA

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

(57) Abstract:

(71)Name of Applicant:

1)SOTNICHENKO Aleksandr Ivanovich

Address of Applicant :ul. Czyurupy 12 4 64 Moscow 117461

Russia

(72)Name of Inventor:

1)SOTNICHENKO Aleksandr Ivanovich

A sorbent selected from a group of re- versed-phase liquid chromatography sorbents is pro- posed as a digestive tract detoxicant for vertebrates, said sorbent being a hydrophobizated matrix of polysilicic acid gel having the general approximate formula (H20)v{(SiO-2)x(OH)yR}w, in which the ratio of z/y varies from 79/21 to 1/99, where: v is the amount of water physically sorbed; x is the number of silica atoms in the gel structure; y is the number of silanol groups in the structure and on the surface of the gel; z is the number of aliphatic or aromatic substituents; R is a hydrocarbon radical which is bound to a silicate base by the covalent bond Si-C, Si-O-C or Si-NX-C and is comprised of linear or branched alkyl or fluoroalkyl residues with 2 to 24 carbon atoms, containing from 1 to 4 isolated or ad-jacent double bonds, or of a cyclic substituent hav- ing the general formula Ar(CH 2)ž-, in which Ar is an aromatic or alicyclic monocyclic or polycyclic sub- stituent with 6 to 24 carbon atoms, where the values of n are from 0 to 6 and the ratio of v/w is from 0 to 95. The proposed detoxicants exhibit a high degree of hydrophobicity and effectiveness and are easy to take.

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: BAGASSE FRACTIONATION FOR CELLULOSIC ETHANOL AND CHEMICAL PRODUCTION

(51) International classification :C08H8/00,C12P19/00,C12P7/10 (71)Name of Applicant:

(31) Priority Document No :61/410701 (32) Priority Date :05/11/2010

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

(86) International Application :PCT/CA2011/050689

No :04/11/2011 Filing Date

(87) International Publication No:WO 2012/058776

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)GREENFIELD ETHANOL INC.

Address of Applicant :20 Toronto Street Suite 1400 Toronto

Ontario M5C 2B8 Canada (72)Name of Inventor:

1)DOTTORI Frank A. 2)BENSON Robert Ashley Cooper

3)BENECH Rgis Olivier

(57) Abstract:

A process is defined for the continuous steam pretreatment and fractionation of bagasse to produce a concentrated cellulose solid stream that is sensitive to enzymatic hydrolysis. Valuable chemicals are recovered by fractionating the liquid and vapor stream composed of hydrolysis and degradation products of the hemicellulose. Cellulosic derived glucose is produced for fermentation to biofuels. A hemicellulose concentrate is recovered that can be converted to value added products including ethanol.

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

(21) Application No.4773/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR PREPARATION OF 2 METHYL 4 AMTNO 5 CYANOPYRIMIDINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D239/42 :201010582724.3 :10/12/2010 :China :PCT/CN2011/002009 :30/11/2011 :WO 2012/075677 :NA :NA :NA	(71)Name of Applicant: 1)DSM IP ASSETS B.V. Address of Applicant: Het Overloon 1 NL 6411 Te Heerlen Netherlands 2)FUDAN UNIVERSITY (72)Name of Inventor: 1)CHEN Fen Er 2)ZHAO Lei 3)XIONG Fangjun
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(57) Abstract:

Disclosed is a method for preparation of 2-methyl-4-amino-5-cyanopyrimidine (I). The present method comprises the steps of reacting cyanoacetamide with formamide derivatives in the presence of various acyl halides and catalysts to produce com- pound (II), and condensing the compound (Π) with acetamide hydrochloride in the present of a base to obtain 2-methyl-4-amino-5- cyanopyrimidine (I).

No. of Pages: 11 No. of Claims: 9

(21) Application No.4774/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: 2 PIPERAZIN 1 YL 4H 1 3 BENZOTHIAZIN 4 ONE DERIVATIVES AND THEIR USE FOR THE TREATMENT OF MAMMALIAN INFECTIONS

(51) International :C07D279/08,A61K31/5415,A61P31/06

classification

(31) Priority Document :PCT/RU2010/000688

(32) Priority Date :19/11/2010 (33) Name of priority :Russia country

(86) International

:PCT/IB2011/055209 Application No

:21/11/2011 Filing Date

(87) International

:WO 2012/066518 **Publication No**

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number**

:NA Filing Date

(71)Name of Applicant:

1)ECOLE POLYTECHNIQUE FEDERALE DE

LAUSANNE (EPFL)

Address of Applicant :EPFL TTO Quartier de linnovation J

CH 1015 Lausanne Switzerland

(72)Name of Inventor:

1)MAKAROV Vadim

2)COLE Stewart

(57) Abstract:

The present invention relates to new 2- piperazin-l-yl-4H-l,3-benzothiazin- 4-one derivatives and their use for the treatment of mammalian infections caused by bacteria, especially diseases like tuberculosis (TB), Buruli ul cer and leprosy that result from infection with closely related mycobacteria. (I).

No. of Pages: 51 No. of Claims: 14

(21) Application No.4775/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WIPER BLADE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60S1/38 :10 2010 062 896.4 :13/12/2010 :Germany :PCT/EP2011/069624 :08/11/2011 :WO 2012/079852 :NA :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)HERINCKX Dirk 2)BEX Koen 3)DEPONDT Helmut
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(57) Abstract:

The invention relates to a wiper blade device comprising a wiper strip unit (12) which has a wind deflector element (16) a wiper lip (18) and a wiper strip element (14) comprising a longitudinal guide channel (24) for a support element (20). According to the invention the wiper strip element (14) in a mounted state forms an interlocking connection with the wiper lip (18).

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

(21) Application No.4776/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WIPER BLADE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:11/11/2011 :WO 2012/079869	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)HERINCKX Dirk 2)DEPONDT Helmut 3)BEX Koen
1 2 2	3	
Filing Date	:11/11/2011	1)HERINCKX Dirk
	:WO 2012/079869	
Number	:NA	S)DEA ROCII
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention is based on a wiper blade device comprising a wiper strip unit (12) which has a wiper strip element (14) a wind deflector unit (15) and a wiper lip (18). According to the invention the wind deflector unit (15) has at least two separate wind deflector elements (16).

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

(21) Application No.4777/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: MULTI LAYER WATER SPLITTING DEVICES

:PCT/AU2011/001603

(51) International classification: C25B1/02, C25B9/00, H01L31/042 (71) Name of Applicant:

(31) Priority Document No :2010905437 (32) Priority Date :10/12/2010

(33) Name of priority country : Australia (86) International Application

:09/12/2011 Filing Date

(87) International Publication

:WO 2012/075546 (61) Patent of Addition to

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

:NA Number :NA Filing Date

1)UNIVERSITY OF WOLLONGONG

Address of Applicant : Northfields Avenue Wollongong NSW

2522 Australia

(72)Name of Inventor:

1)SWIEGERS Gerhard Frederick

2)OFFICER David Leslie 3)WALLACE Gordon George

(57) Abstract:

Water splitting devices and methods for manufacturing water splitting devices or solar cells is disclosed. The method seeks to provide a relatively high volume low cost mass production method. In one example the method facilitates simultaneous co assembly of one or more sub units and two or more polymer films or sheets to form a water splitting device. According to another aspect there is provided an improved water splitting device. In one example form there is provided a water splitting device which includes a first electrode for producing oxygen gas and a second electrode for producing hydrogen gas from water. The first electrode and the second electrode are positioned between a first outer polymer layer and a second outer polymer layer and at least one spacer layer is positioned between the first outer polymer layer and the second outer polymer layer.

No. of Pages: 59 No. of Claims: 21

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : A STACK OF PLURALITY OF CELLULOSE CONTAINING ABSORBENT TOWELS AND A PROCESS FOR MANUFACTURING THE STACK.

(51) International classification	·A47K10/42 B65B63/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SCA HYGIENE PRODUCTS AB
(32) Priority Date	:NA	Address of Applicant :S 405 03 Gteborg Sweden
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/SE2010/051467	1)FALK Magnus
Filing Date	:22/12/2010	2)KLING Robert
(87) International Publication No	:WO 2012/087211	3)NELVIG Anna
(61) Patent of Addition to Application	.NIA	4)WELANDER Fredrik
Number	:NA	5)M-LLER Per
Filing Date	:NA	6)BONNEVIER Martin
(62) Divisional to Application Number	:NA	7)ANDERSSON Anders
Filing Date	:NA	

(57) Abstract:

A stack of a plurality of cellulose containing absorbent towels (3) for a dispenser (1) the towels being separable upon dispensing. The stack (2) is compressed to a predetermined density dependent on material choice. The invention also concerns a process for manufacturing such a stack.

No. of Pages: 25 No. of Claims: 10

(21) Application No.4779/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD OF OPERATION OF FERMENTATION OF GASEOUS SUBSTRATE COMPRISING HYDROGEN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12P7/06 :61/458976 :03/12/2010 :U.S.A. :PCT/US2011/001902 :14/11/2011 :WO 2012/074545 :NA :NA :NA	(71)Name of Applicant: 1)INEOS BIO SA Address of Applicant: Avenue Des Uttins 3 CH 1180 Rolle Switzerland (72)Name of Inventor: 1)SENARATNE Ryan 2)BEARD Brandon
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(57) Abstract:

The present disclosure provides methods of gaseous substrate fermentation comprising: adding gaseous substrate into an aqueous medium in a bioreactor. The methods of the present disclosure comprise: measuring cell density; adjusting input of gaseous substrate to increase cell density; changing hydrogen uptake.

No. of Pages: 33 No. of Claims: 23

(21) Application No.478/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :21/02/2012

(43) Publication Date: 28/11/2014

(54) Title of the invention : PROCESS FOR IMMOBILIZATION OF GLUCOSE OXIDASE IN EMULSIFIED NANOPARTICLES OF BOVINE SERUM ALBUMIN

(51) International classification (31) Priority Document No (32) Priority Date (32) Name of priority country	:NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS,
(33) Name of priority country (86) International Application No Filing Date (87) International Publication No.	:NA :NA :NA	SECTOR-125, NOIDA-201303, UP, INDIA (72)Name of Inventor: 1)KIRTI RANI
(87) International Publication No(61) Patent of Addition to Application NumberFiling Date	:NA :NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides a process for immobilization of glucose oxidase in emulsified nanoparticles of bovine serum albumin through glutaraldehyde and mustard oil. The emulsification with mustard oil increases the stability of these nanoparticles as well as it allows sustained release of immobilized enzyme in the delivery system in the presence of proteases. This encapsulation also increases % of immobilization in nanoparticles. The prepared emulsified nanoparticles of Bovine serum albumin of bound glucose oxidase along with proteases (trypsin, papain, chymotrypsin) can be used for further industrial applications.

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

(21) Application No.4780/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : ELECTRICAL CIRCUIT ARRANGEMENT AND METHOD FOR PRODUCING AN ELECTRICAL CIRCUIT ARRANGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:10 2010 062 586.8 :08/12/2010 :Germany :PCT/EP2011/069282 :03/11/2011 :WO 2012/076260 :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)STREICHER Uwe 2)HARTHERZ Patrik 3)SCHAEFER Joerg
Filing Date	:NA	

(57) Abstract:

The invention relates to an electrical circuit arrangement (1) more particularly for a control unit of a motor vehicle comprising at least one printed circuit board (2) and a housing (3) wherein the housing (3) has at least one guide region (4) for guiding the at least one printed circuit board (2). In this case provision is made for the at least one printed circuit board (2) to have at least one depression and for the housing (3) to be mechanically deformed in at least one deformation region (10) of the at least one guide region (4) in such a way that the at least one deformation region (10) is shaped into the at least one depression at least regionally.

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

(21) Application No.4781/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR PRODUCING A FIBER COMPOSITE RECEIVING BODY

(51) International :B29C70/22,B29C70/46,B29C70/08 classification

(31) Priority Document No :10 2010 062 682.1

(32) Priority Date :09/12/2010 (33) Name of priority country: Germany

(86) International Application :PCT/EP2011/071701

:05/12/2011 Filing Date

(87) International Publication: WO 2012/076446

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date

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

(71)Name of Applicant: 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)LERNBECHER Rolf

2)DIEHL Udo

3)ENGELBERG Ralph

(57) Abstract:

The invention relates to a method for producing a fiber composite receiving body (17; 34) which comprises a base (1). In order to provide a fiber composite receiving body comprising a base (1) that has a simple structure and can be produced economically at least one fiber a fiber reinforcement material and/or a fabric material (12 25) is pre impregnated with a plastics matrix material before the pre impregnated fiber the pre impregnated fiber reinforcement material and/or the pre impregnated fabric is applied to the base (1). A plastics matrix tube (28) is put on the base (1) comprising the fabric tube (26) which was previously put on the base.

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

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WIPER BLADE ADAPTOR DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:15/11/2011 :WO 2012/079893 :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)SMETS Kris 2)DEPONDT Helmut
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.4782/DELNP/2013 A

(57) Abstract:

The invention is based on a wiper blade adaptor device in particular for a wiper blade (14) with a wiper blade adaptor (10) and a coupling element (12) for coupling the wiper blade adaptor (10) to a wiper blade (14). It is proposed that the wiper blade adaptor (10) be releasably connected to the coupling element (12).

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

(19) INDIA

(22) Date of filing of Application :29/05/2013

(21) Application No.4783/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: WIPER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:10 2010 062 928.6 :13/12/2010 :Germany	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)DEPONDT Helmut
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(57) Abstract:

The invention is based on a wiper device for a motor vehicle window with a wiper arm adapter unit (10a 10j) and a wiper blade adapter unit (12a 12j) which in a fitted state form a form fitting connection. It is proposed that the wiper device has at least one movably mounted latching means (56a 56j) for restricting the wiper arm adapter unit (10a 10j) in the freedom of movement thereof in the fitted state at least substantially in a vertical direction (44a 44j) of the wiper blade adapter unit (12a 12j).

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

(21) Application No.3520/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 28/11/2014

(54) Title of the invention: PIPERIDIN 4 YL AZETIDINE DIAMIDES AS MONOACYLGLYCEROL LIPASE INHIBITORS

(51) International classification :A61P29/00,A61K31/4523,C07D205/04

(31) Priority Document :61/405876

(32) Priority Date :22/10/2010
(33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2011/057085

Filing Date :20/10/2011

(87) International Publication No :WO 2012/054716

(61) Patent of Addition to
Application Number
Filing Date

1.NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)JANSSEN PHARMACEUTICA NV.

Address of Applicant : Turnhoutseweg 30 B 2340 Beerse

Belgium

(72)Name of Inventor: 1)CONNOLLY Peter J.

2)BIAN Haiyan 3)LI Xun

4)LIU Li 5)MACIELAG Mark J.

5)MACIELAG Mark J. 6)MCDONNELL Mark E.

(57) Abstract:

Disclosed are compounds compositions and methods for treating various diseases syndromes conditions and disorders including pain. Such compounds and enantiomers diastereomers and pharmaceutically acceptable salts thereof are represented by Formula (I) as follows: Formula (I) wherein Y Z and R are defined herein.

No. of Pages: 99 No. of Claims: 16

(21) Application No.4659/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :24/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: CRYSTALLINE FORMS OF 5 CHLORO N2 (2 ISOPROPOXY 5 METHYL 4 PIPERIDIN 4 YL PHENYL) N4[2 (PROPANE 2 SULFONYL) PHENYL] PYRIMIDINE 2 4 DIAMINE

(51) International :C07D401/12,A61K31/506,A61P35/00

classification

(31) Priority Document No :61/424194

(32) Priority Date

:17/12/2010

(33) Name of priority

:U.S.A.

:NA

:NA

:NA

:NA

country

(86) International :PCT/US2011/065030

Application No Filing Date

:15/12/2011

(87) International

:WO 2012/082972 Publication No

(61) Patent of Addition to **Application Number**

Filing Date

(62) Divisional to Application Number

Filing Date

(71)Name of Applicant:

1)NOVARTIS AG

Address of Applicant :Lichtstrasse 35 CH 4056 Basel

Switzerland

(72)Name of Inventor:

1)FENG Lili

2)GONG Baoqing

3)KARPINSKI Piotr H.

4)WAYKOLE Liladhar Murlidhar

(57) Abstract:

The present invention describes specific crystalline forms of 5 chloro N (2 isopropoxy 5 methyl 4 (piperidin 4 ylphenyl) N 2 (isopropylsulfonyl)phenyl) 2 4 diamine. The present invention further relates to methods for preparing said crystalline forms pharmaceutical compositions comprising said crystalline forms and methods of using said crystalline forms and pharmaceutical compositions to treat disease.

No. of Pages: 26 No. of Claims: 29

(21) Application No.466/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :17/02/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : PROCESS FOR ENCAPSULATION OF GLUCOSE OXIDASE IN EMULSIFIED NANOPARTICLES OF EGG ALBUMIN

(51) International classification(31) Priority Document No(32) Priority Date	:C07C :NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS,
(33) Name of priority country(86) International Application No	:NA :NA	SECTOR-125, NOIDA-201303, UP, INDIA (72)Name of Inventor:
Filing Date	:NA	1)KIRTI RANI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for encapsulation of glucose oxidase in emulsified nanoparticles of egg albumin through glutaraldehyde and coconut oil. The emulsification with coconut oil and covalent coupling with glutaraldehyde increases the stability of these nanoparticles as well as it also allows sustained release of encapsulated glucose oxidase in the delivery system in the presence of proteases. The encapsulation also increases the percentage of immobilization of the enzyme in prepared nanoparticles. The prepared encapsulated emulsified nanoparticles of egg albumin of bound glucose oxidase along with proteases (trypsin, papain, chymotrypsin) is used in different industry preferably pharma and food industry.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NON AQUEOUS ORAL CARE COMPOSITION CONTAINING DENTAL OCCLUSION ACTIVES

(51) International classification :A61K8/11,A61K8/24,A61K8/44 (71)Name of Applicant: (31) Priority Document No 1) COLGATE PALMOLIVE COMPANY (32) Priority Date Address of Applicant :300 Park Avenue New York New York :NA (33) Name of priority country :NA 10022 U.S.A. (86) International Application (72)Name of Inventor: :PCT/US2010/061324 1)BOYD Thomas James No :20/12/2010 Filing Date 2)CHOPRA Suman Kumar (87) International Publication No:WO 2012/087281 3)MELLO Sarita Vera (61) Patent of Addition to 4)PATEL Rahul :NA Application Number 5)ONTUMI Dennis Kembero :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A oral care composition includes: (a) a hydrophilic film-forming polymer; and (b) a hydrophobic carrier, wherein the hydrophilic film-forming polymer is a film-forming polymer effective to occlude dentinal tubules and the oral care composition con tains 0-10 wt.% water. The hydrophilic film-forming polymer is preferably GANTREZ S. The hydrophobic carrier is preferably a ve - getable oil. A method of cleaning teeth includes applying to the teeth the oral care composition such that the hydrophilic film-form - ing polymer occludes dentinal tubules. A toothbrush includes: a handle; a head mounted to the handle, the head comprising an outer surface and a plurality of tooth cleaning elements extending outwardly from the outer surface; and a gelatin capsule containing the oral care composition positioned on the head.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INTEGRATED AIRCRAFT GROUND NAVIGATION CONTROL SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:02/11/2011 :WO 2012/061532 :NA	(71)Name of Applicant: 1)BOREALIS TECHNICAL LIMITED Address of Applicant: 27 Heathway Court London England NW3 7TS U.K. (72)Name of Inventor: 1)EDELSON Jonathan 2)GILLERAN Neal 3)COX Isaiah Watas 4)PERKINS Scott
Number Filing Date	:NA	· ·
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An aircraft ground control system that moves an aircraft on the ground between landing and take off without external mechanical assistance from airport tugs or tow vehicles or reliance on thrust produced by the aircraft s engines is provided. The aircraft ground control system interfaces only with an aircraft auxiliary power unit or other aircraft power supply but otherwise operates independently of aircraft systems. A system integrator and controller links cockpit controls designed to actuate the transmission of power to system components and to activate system components only under predetermined conditions with selectively activatable drivers in driving connection with one or more aircraft wheels to move the aircraft on the ground at selected torgues and speeds.

No. of Pages: 39 No. of Claims: 26

(22) Date of filing of Application :24/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PROCESS FOR DEPIGMENTING KERATIN MATERIALS USING THIOPYRIDINONE **COMPOUNDS**

(51) International :C07D213/82,A61K8/49,A61Q19/02

:France

classification

(31) Priority Document No :1060474 (32) Priority Date :14/12/2010

(33) Name of priority

country

(86) International

:PCT/EP2011/072180 Application No :08/12/2011

Filing Date

(87) International Publication: WO 2012/080075

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

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

(71)Name of Applicant:

1)LOREAL

Address of Applicant :14 rue Royale F 75008 Paris France

(72)Name of Inventor: 1)MARAT Xavier

(57) Abstract:

The invention relates to a cosmetic process for depigmenting lightening and/or whitening keratin materials in particular the skin which comprises the application of a cosmetic composition comprising a compound of formula (I): or its tautomer form of formula (I) in which: R and R which may be identical or different denote a radical chosen from: a) a hydrogen atom; b) a C C alkyl group optionally interrupted with N S or O optionally substituted with one or more group(s) chosen from OR SR NRR CONHR3; COOR; and an aryl group optionally substituted with one or more hydroxyls and/or with one or more C C alkoxy radicals;c) a C C alkyl group substituted with a C C aryl radical optionally substituted with one or more hydroxyls and/or with one or more C C alkoxy radicals; d) a phenyl group optionally substituted with one or more hydroxyls and/or with one or more C1 C8 alkoxy radicals; R3 denoting H or a C C alkyl group R denoting H a C C hydrocarbon based group or an acetyl group; it being possible for R and R to form with the nitrogen atom which bears them a ring chosen from pyrrolidine pyrroline piperidine piperazine morpholine thiomorpholine and azepine. The invention also relates to the cosmetic use of a compound (I) or (I) as a whitening lightening and/or depigmenting agent for keratin materials.

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

(21) Application No.4790/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: HALOGENATED BIPHENOLS AS ANTIBACTERIAL AGENTS

(51) International (71)Name of Applicant: :C07C39/373,A61K31/055,A61P17/10 classification 1) COLGATE PALMOLIVE COMPANY (31) Priority Document No: NA Address of Applicant :300 Park Avenue New York New York (32) Priority Date :NA 10022 U.S.A. (33) Name of priority (72)Name of Inventor: :NA country 1)SUBRAMANYAM Ravi (86) International 2)XU Guofeng :PCT/US2010/061428 3)GRONLUND Jennifer Application No :21/12/2010 Filing Date 4)ANSARI Shamim (87) International :WO 2012/087289 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA Filing Date

(57) Abstract:

Described herein are compounds of Formula (I): or a salt thereof; wherein: RI and R 5 are independently selected from H, OH and alkoxy; R2-R4 and R6-Rs are independently selected from H, OH, F, CI, Br, and I; and Rio are independently selected from H, alkyl, alkynyl, and aryl; with the proviso that: at least one of RI and R5 is OH or alkoxy; and at least one of R2-R4 and R6-Rs is F, CI, Br or I; compositions comprising said compounds; and methods of making and using the same.

No. of Pages: 25 No. of Claims: 18

(21) Application No.4791/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METAL SALT COMPOSITIONS

` /	:A61K8/27,A61Q11/00,A61K8/19	. /
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to	:PCT/US2010/061414 :21/12/2010 :WO 2012/087288	(72)Name of Inventor: 1)PORTER Venda 2)PATEL Vyoma 3)FISHER Steven Wade 4)MORGAN Andre Michelle 5)PRENCIPE Michael
Application Number	:NA :NA	6)JARACZ Stanislav
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Described herein are compositions comprising combinations of metal salts and methods of preparing and using the same.

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

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PARTIAL DISCHARGE SENSOR FOR A HIGH VOLTAGE INSULATION MONITORING DEVICE

(51) International classification :G01R1/04,G01R31/12,G01R31/14

(31) Priority Document No :10190063.7 (32) Priority Date :04/11/2010 (33) Name of priority country :EPO

(86) International Application :PCT/EP2011/068400

No :21/10/2011

Filing Date .21/10/201

(87) International Publication :WO 2012/059335

(61) Patent of Addition to Application Number :NA

Application Number :NA
Filing Date

(62) Divisional to Application :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)ALSTOM TECHNOLOGY LTD

Address of Applicant :Brown Boveri Strasse 7 CH 5400

Baden Switzerland
(72)Name of Inventor:
1)HOBELSBERGER Max

(57) Abstract:

The present invention relates to a partial discharge sensor (11) for a high voltage insulation monitoring device (11; 13) comprising a housing (15) and located in the housing (15) a measurement circuit (17) for measurement of partial discharges in a high voltage system (3; 5) to be tested and a coupling capacitor (19) having one electrode (19B) connected to the measurement circuit (17) and the other electrode (19A; 41) to a first high voltage conductor (21; 43) to be connected to a high voltage line (5) of the system to be tested wherein it further comprises a calibration circuit (23) located in the housing (15) and comprising a calibration capacitor (25) having one electrode (25B) connected to the calibration circuit (23) and the other electrode (25A; 41) connected to said first (21; 41) or a second high voltage conductor (27) to be connected to a high voltage line (5).

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

(21) Application No.4793/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : BARRING GEAR ASSEMBLY FOR DRIVING IN ROTATION A SHAFT OF A TURBO ALTERNATOR GROUP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:31/10/2011 :WO 2012/059471 :NA :NA	(71)Name of Applicant: 1)ALSTOM TECHNOLOGY LTD Address of Applicant: Brown Boveri Strasse 7 CH 5400 Baden Switzerland (72)Name of Inventor: 1)BASTIER Arnaud 2)MIZERA Jacques
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The barring gear assembly (2) is designed to drive in rotation a shaft of a turbo alternator group (T1 T2 T3 3) having an axis of rotation A. The barring gear assembly comprises: a main wheel (9) fixed on said shaft (1) and defining lateral sides (C1 C2) located on either side of the axis of rotation A a barring gear module (10) having a support piece (15) on which is mounted a clutch system (6) for coupling and uncoupling a secondary shaft (12) to and from the main wheel (9) the secondary shaft being driven by an auxiliary motor (4) the barring gear module (10) being positioned on one of said lateral sides (C1) of the axis of rotation A.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INTRAVAGINAL DEVICES FOR CONTROLLED DELIVERY OF LUBRICANTS

(51) International classification :A61M29/04,A61M37/00,A61M3/00 (31) Priority Document No :61/413238

(31) Priority Document No :61/413238 (32) Priority Date :12/11/2010 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2011/060389

Filing Date :11/11/2011

(87) International Publication No :WO 2012/065073

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)THE UNIVERSITY OF UTAH RESEARCH

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Address of Applicant :615 Arapeen Drive Suite 310 Salt Lake

City UT 84108 U.S.A. (72)Name of Inventor:

1)KISER Patrick F. 2)MCCABE R. Tyler 3)KISER Margaret N.

4)ALBRIGHT Theodore Henry

(57) Abstract:

The present technology provides intravaginal devices designed to deliver lubricants to the vagina for a sustained period of time. The intravaginal devices include a first segment comprising an outer surface and a lumen containing a lubricant wherein the first segment is configured to deliver the contents of the lumen to the outer surface and the first segment comprises a polymer selected from the group consisting of a hydrophilic semi permeable elastomer and a hydrophobic elastomer. The lubricant may be an aqueous lubricant. The present technology further provides an intravaginal device including a solid first segment that includes a hydrophilic semi permeable elastomer an outer surface and an aqueous lubricant wherein the first segment is configured to deliver the aqueous lubricant to the outer surface.

No. of Pages: 69 No. of Claims: 55

(19) INDIA

(22) Date of filing of Application :24/05/2013

(21) Application No.4657/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD AND DEVICE FOR PRODUCING A FLUID ENRICHED WITH CARBON DIOXIDE FROM A WASTE GAS OF A FERROUS METALLURGY UNIT

(51) International :B01D53/047,C01B31/20,C21B5/06

classification (31) Priority Document No :1060250 (32) Priority Date :08/12/2010

(33) Name of priority country: France

(86) International Application :PCT/FR2011/052836

No :01/12/2011 Filing Date

(87) International Publication :WO 2012/076786

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(71)Name of Applicant:

1)LAIR LIOUIDE SOCI‰T‰ ANONYME POUR LETUDE ET LEXPLOITATION DES PROC‰D‰S

GEORGES CLAUDE

Address of Applicant :75 Quai dOrsay F 75007 Paris France

(72)Name of Inventor: 1)BRIGLIA Alain 2)DE CAYEUX Olivier

3) DUBETTIER GRENIER Richard

4)GUILLARD Alain 5)TRAVERSAC Xavier 6)SZAMLEWSKI Christophe

(57) Abstract:

The invention relates to a method for producing a fluid (7) enriched with carbon dioxide from a waste gas of a ferrous metallurgy unit (HF) comprising: compressing at least one portion of the waste gas in a first compressor (C1); separating the optionally dried waste gas by means of an adsorption method in an adsorption unit (PSA) in order to produce a gas (6) enriched with carbon dioxide and depleted of carbon monoxide and a gas (5) depleted of carbon dioxide and enriched with carbon monoxide; separating the gas (6) enriched with carbon dioxide in a separation unit (SP) in order to produce a fluid (7) enriched with carbon dioxide and a recirculation gas (9) containing carbon monoxide; recirculating the recirculation gas from the separation unit (SP) toward the adsorption unit (PSA) at the input pressure of the adsorption unit; and sending at least one portion of the gas (5) depleted of carbon dioxide to said ferrous metallurgy unit (HF) or another ferrous metallurgy unit.

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

(21) Application No.4784/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: IMIDAZO [4 5 C] QUINOLIN 1 YL DERIVATIVE USEFUL IN THERAPY

(51) International :C07D471/04,A61K31/4188,A61K31/4745

classification (31) Priority

:61/423644 Document No

(32) Priority Date :16/12/2010

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

(86) International

:PCT/GB2011/052474 Application No

:14/12/2011 Filing Date

(87) International :WO 2012/080728 Publication No

(61) Patent of Addition:NA

to Application Number :NA Filing Date

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

(71)Name of Applicant: 1)ASTRAZENECA AB

Address of Applicant :SE 151 85 Sdertlje Sweden 2) DAINIPPON SUMITOMO PHARMA CO. LTD

3)ASTRAZENECA UK LIMITED

(72)Name of Inventor: 1)MCINALLY Thomas 2)PIMM Austen

(57) Abstract:

The invention provides the compound of formula (I) and pharmaceutically acceptable salt thereof pharmaceutical compositions containing the compound and the use of the compound in therapy.

No. of Pages: 44 No. of Claims: 14

(21) Application No.4785/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: FLUIDIZED BED APPARATUS HAVING BASE AS FAN

:15/11/2010 :Germany :PCT/EP2011/069998 :14/11/2011 :WO 2012/065931 :NA :NA	1)HUETTLIN Herbert Address of Applicant :Daimlerstrae 7 79585 Steinen Germany (72)Name of Inventor : 1)HUETTLIN Herbert
:NA :NA	
	:Germany :PCT/EP2011/069998 :14/11/2011 :WO 2012/065931 :NA :NA

(57) Abstract:

A device (10) serves for treating particulate goods (44) and has a stationary vessel (12) that contains a process chamber (46) in which a base that is rotatable about a vertical axis (32) is arranged. A nozzle serves for spraying a treatment medium onto the goods moved in the process chamber (46). It is proposed that the base is constructed as a fan (50) the side of which that faces the process chamber (46) being constructed as a fan blade on the lower side of which are arranged fan blade wings. The nozzle is constructed as a radial spraying ring gap nozzle (90) located centrally in the vertical axis (32).

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

(21) Application No.4786/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING ALISPORIVIR

(51) International classification :A61K9/107,A61K9/48,A61K47/10

(31) Priority Document No :61/422499 (32) Priority Date :13/12/2010

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

(86) International Application :PCT/EP2011/072463

No :12/12/2011 Filing Date :12/12/2011

(87) International Publication :WO 2012/080176

No
(61) Patent of Addition to
Application Number
:NA

Filing Date

(62) Divisional to Application

Number: NA

Number :NA Filing Date

(57) Abstract:

The invention provides lipid based pharmaceutical compositions comprising alisporivir.

(71)Name of Applicant : 1)NOVARTIS AG

Address of Applicant: Lichtstrasse 35 CH 4056 Basel

Switzerland

2)DEBIOPHARM S.A. (72)Name of Inventor:

1)GONCALVES Elisabete

2)RAPP Karin

3)SUTTER Bertrand 4)STOWASSER Frank 5)TRUPP Bjoern 6)CHABAUT Sebastian

7)THORENS Julien

No. of Pages: 49 No. of Claims: 15

:NA

:NA

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PACKAGE OF ORAL CARE IMPLEMENTS AND METHOD OF USING THE SAME

(51) International (71)Name of Applicant: :B65D25/04,B65D43/18,B65D47/08 classification 1) COLGATE PALMOLIVE COMPANY (31) Priority Document No Address of Applicant :300 Park Avenue New York New York :NA (32) Priority Date :NA 10022 U.S.A. (33) Name of priority country:NA (72)Name of Inventor: (86) International 1)HOHLBEIN Douglas :PCT/US2010/061878 Application No 2)SORRENTINO Alan :22/12/2010 Filing Date 3)KEMP James (87) International Publication :WO 2012/087316 4)FINK Emily No 5)LEE David (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

(57) Abstract:

Application Number

Filing Date

A package (100) of articles such as oral care implements (200) comprising: a tubular body (109) having a cavity (115) an open top end (167) and a closed bottom end (126). An annular wall (120) divides the cavity into a central cavity (125) and an annular cavity (115) that circumferentially surrounds the central cavity. A plurality of radial walls (130) extend from an outer surface (121) of the annular wall to an inner surface (112) of the tubular body and divide the annular cavity into a plurality of subcavities (135). At least one oral care implement is disposed within each of the subcavities. A cover (170) is coupled to at least one of the tubular body and the annular wall. The cover comprises a central opening (177) that forms a passageway into the central cavity and a dispensing opening (174).

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

(21) Application No.4591/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FRICTION WELD INNER CONDUCTOR CAP AND INTERCONNECTION METHOD

(51) International classification :H01R24/38,H01R9/05,B23K20/12

:WO 2012/071081

(31) Priority Document No :12/951558 (32) Priority Date :22/11/2010

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

(86) International Application :PCT/US2011/046050

No :30/07/2011

(87) International Publication

No
(61) Patent of Addition to
Application Number :NA

Application Number Filing Date :NA

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)ANDREW LLC

Address of Applicant :1100 CommScope Place SE Hickory

North Carolina 28602 U.S.A. (72)Name of Inventor:

1)VAN SWEARINGEN Kendrick

2)VACCARO Ronald

(57) Abstract:

An inner conductor cap with a connector end and a cable end is provided with an inner conductor socket at the cable end and an inner conductor interface at the connector end. The inner conductor socket may be dimensioned to mate with a prepared end of an inner conductor of a coaxial cable. At least one material gap may be provided between a sidewall of the inner conductor socket and an outer diameter surface of the prepared end when the inner conductor cap is mated with the prepared end. A rotation key may be provided for rotating the inner conductor cap.

No. of Pages: 31 No. of Claims: 20

(21) Application No.4592/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LASER WELD COAXIAL CONNECTOR AND INTERCONNECTION METHOD

(51) International classification :H01R24/38,H01R9/05,B23K26/00

:WO 2012/071079

(31) Priority Document No :12/951558 (32) Priority Date :22/11/2010

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

(86) International Application :PCT/US2011/046048

No :30/07/2011

Filing Date
(87) International Publication
(88) Filing Date

No

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application :NA

Number :NA Filing Date

(71)Name of Applicant:

1)ANDREW LLC

Address of Applicant :1100 CommScope Place SE Hickory

North Carolina 28602 U.S.A. (72)Name of Inventor:

1)VACCARO Ronald

2)VAN SWEARINGEN Kendrick

3)WLOS James 4)FLEMING James 5)ISLAM Nahid

(57) Abstract:

A coaxial connector for interconnection with a coaxial cable with a solid outer conductor by laser welding is provided with a monolithic connector body with a bore. A sidewall of the bore is provided with an inward annular projection angled toward a cable end of the bore. A sidewall of the inward annular projection and the sidewall of the bore form an annular laser groove open to a cable end of the bore. The annular laser groove is dimensioned with a taper at a connector end of the laser groove less than a thickness of a leading end of the outer conductor. The taper provides an annular material chamber between the leading end of the outer conductor when seated in the laser groove and the connector end of the laser groove.

No. of Pages: 41 No. of Claims: 20

(21) Application No.4806/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : NOVEL CEMENT THAT IS RESISTANT TO INTERNAL SULPHATE REACTIONS AND TO EXTERNAL SULPHATE ATTACKS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C04B7/02 :10/59740 :25/11/2010 :France :PCT/FR2011/052744 :24/11/2011 :WO 2012/069763 :NA :NA :NA	(71)Name of Applicant: 1)VICAT Address of Applicant: Tour Manhattan 6 place de lIris F 92095 Paris La Defense France (72)Name of Inventor: 1)PASQUIER Michel 2)BESSETTE Laetitia 3)HUE Fran§ois
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(57) Abstract:

A subject of the present invention is a novel cement that enables the preparation of concrete grout or mortar that is resistant to internal sulphate reactions and to external sulphate attacks and also the use of this cement for the preparation of concrete grout or mortar.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR PRODUCING A MULTI COAT COLOUR AND/OR EFFECT PAINT SYSTEM

(51) International :C09D133/16,C09D127/12,B05D1/00 classification (31) Priority Document No :61/440879 (32) Priority Date :09/02/2011 (33) Name of priority :U.S.A. country (86) International :PCT/EP2012/050184

Application No :06/01/2012 Filing Date

(87) International

:WO 2012/107249 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)BASF COATINGS GMBH

Address of Applicant :Glasuritstrasse 1 48165 M¹/₄nster

Germany

(72)Name of Inventor: 1)STEINMETZ Bernhard

(57) Abstract:

The present invention relates to a method for producing a multi-coat colour and/or effect paint System, by (1) applying a pigmented agueous basecoat material to a Substrate, (2) forming a polymer film from the coating material applied in stage (1), (3) applying a clearcoat material to the resultant basecoat film and subsequently (4) curing the basecoat film together with the clearcoat film. The method of the invention is characterized by in stage (1) a pigmented aqueous basecoat material is used which comprises a mixture M consisting of (Kl) a branched alkane having 8 to 17 carbon atoms or a mixture of such alkanes. (K2) a branched alkane having 18 to 25 carbon atoms or a mixture of such alkanes and (K3) a water-miscible fluorinated polymer or a mixture of water-miscible fluorinated polymers, where • the mixture M is present in an amount of 0.1% to 5% by weight, based on the weight of the aqueous basecoat material applied in stage (1); component (KI) is present in an amount of 34% to 94% by weight, based on the weight of the mixture M; component (K2) is present in an amount of 5% to 46% by weight, based on the weight of the mixture M; component (K3) is present in an amount of 1% to 20% by weight, based on the weight of the mixture M: components (K1) and (K2) have a degree of branching which corresponds to a ratio of the number of >CH- and -CH 2 groups to the number of -CH groups of at least 25:75.

No. of Pages: 36 No. of Claims: 8

(21) Application No.4671/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 27/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: SILANE CONTAINING THERMOPLASTIC POLYOLEFIN COPOLYMER RESINS FILMS PROCESSES FOR THEIR PREPARATION AND PHOTOVOLTAIC MODULE LAMINATE STRUCTURE COMPRISING SUCH RESINS AND FILMS

(51) International

:C08F255/00,C08F255/02,B32B27/00

classification

(31) Priority Document No :61/423840

(32) Priority Date

:16/12/2010

(33) Name of priority

:U.S.A.

:NA

:NA

:NA

country

(86) International

Application No

:PCT/US2011/059690

:WO 2012/082261

Filing Date

:08/11/2011

(87) International

Publication No

(61) Patent of Addition to

Application Number

Filing Date (62) Divisional to

Application Number

:NA Filing Date

(71)Name of Applicant:

1)DOW GLOBAL TECHNOLOGIES LLC

Address of Applicant :2040 Dow Center Midland MI 48674

(72)Name of Inventor:

1)WU Shaofu

2)CHU Lih Long

3)WEAVER John D. 4)NAUMOVITZ John A

5)ABEL Richard C.

(57) Abstract:

Disclosure are films based on alkoxysilane containing polyolefin resins with reduced melt strength photovoltaic cell laminate structures and methods for their preparation. In the disclosed alkoxysilane containing polyolefin resin films according to the invention reduced melt strength is provided by among other things using optimized silane initiator ratios and is shown to reduce detrimental film shrinkage and provide improved photovoltaic laminate structures.

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

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A PREFORM AND A MOLD STACK FOR PRODUCING THE PREFORM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:61/421254 :09/12/2010 :U.S.A. :PCT/CA2011/050687 :03/11/2011 :WO 2012/075578 :NA	 (71)Name of Applicant: 1)HUSKY INJECTION MOLDING SYSTEMS LTD. Address of Applicant: 500 Queen Street South Bolton Ontario L7E 5S5 Canada (72)Name of Inventor: 1)WITZ Jean Christophe 2)FISCH Ralf Walter
(87) International Publication No		_ ·
Number	:NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed is a preform (300) suitable for subsequent blow molding into a final shaped container. The preform comprises a neck portion (302); a gate portion (306); and a body portion (304) extending between said neck portion and said gate portion; the gate portion including an upwardly bound region (324) defined between the inner and outer walls thereof substantially whole of the upwardly bound region extending in a direction towards the neck portion (302).

No. of Pages: 31 No. of Claims: 20

(21) Application No.4673/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : ELECTRIC FURNACE FOR PRODUCING MOLTEN METAL HAVING MATERIAL RECYCLING CAPABILITY

(57) Abstract:

The present invention relates generally to a smelting operation or the like by which molten metal is produced from a metal oxide after metal oxide agglomerates are directly reduced and melted with a carbonaceous material in an electric heating and melting furnace. More specifically the present invention relates to an electric furnace for producing molten metal that has material recycling capability especially in process material recycling capability.

No. of Pages: 21 No. of Claims: 22

(21) Application No.4674/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 27/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: NANOPARTICLE COMPOSITION AND ASSOCIATED METHODS THEREOF

(51) International

:A61K49/18,B82Y5/00,B82Y15/00

classification

(31) Priority Document No :12/968577 (32) Priority Date :15/12/2010

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

(86) International Application :PCT/EP2011/072676 :14/12/2011

Filing Date

(87) International Publication :WO 2012/080290

No

(61) Patent of Addition to :NA

Application Number Filing Date

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

Filing Date

(71)Name of Applicant:

1)GENERAL ELECTRIC COMPANY

Address of Applicant: 1 River Road Schenectady New York

12345 U.S.A.

2)GE HEALTHCARE AS

(72)Name of Inventor: 1)BALES Brian C.

2)HAY Bruce Allan

3)LUTTREL Michael Todd

4)KANDAPALLIL Binil Itty Ipe

(57) Abstract:

A nanoparticle composition is provided wherein the composition comprises a nanoparticulate metal oxide; and a phosphorylated polyol comprising at least two phosphate groups. The polyol comprises one or more hydrophilic groups selected from the group consisting of polyethylene ether moieties polypropylene ether moieties polybutylene ether moieties and combinations of two or more of the foregoing hydrophilic moieties. A method of making the nanoparticle composition is also provided. The nanoparticle compositions provided by the present invention may be used as contrast agents in medical imaging techniques such as X ray and magnetic resonance imaging.

No. of Pages: 61 No. of Claims: 12

(21) Application No.4800/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DELIVERY MECHANISM FOR AN AUTOINJECTOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61M5/20 :1020475.8 :02/12/2010 :U.K. :PCT/GB2011/052378 :01/12/2011 :WO 2012/073035 :NA :NA	(71)Name of Applicant: 1)OVAL MEDICAL TECHNOLOGIES LIMITED Address of Applicant: The Innovation Centre Unit 23 Cambridge Science Park Milton Road Cambridge Cambridgeshire CB4 0EY U.K. (72)Name of Inventor: 1)REBER Dominic Charles 2)HUANG Congyi 3)YOUNG Matthew
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a delivery mechanism for an autoinjector comprising: a first drive member configured to drive a first component in an axial direction; a second drive member configured to drive a second component in an axial direction; and a release mechanism configured to control a sequence of release of the first drive member and the second drive member wherein the release mechanism is positioned at least partially within the first or second drive member.

No. of Pages: 44 No. of Claims: 41

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : A DRIVE ASSEMBLY FOR AN AUTOINJECTOR AND A METHOD OF ASSEMBLING AN AUTOINJECTOR

(51) International classification	:A61M5/20	(71)Name of Applicant :
(31) Priority Document No	:1020472.5	1)OVAL MEDICAL TECHNOLOGIES LIMITED
(32) Priority Date	:02/12/2010	Address of Applicant :The Innovation Centre Unit 23
(33) Name of priority country	:U.K.	Cambridge Science Park Milton Road Cambridge Cambridgeshire
(86) International Application No	:PCT/GB2011/052375	CB4 0EY U.K.
Filing Date	:01/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/073032	1)REBER Dominic Charles
(61) Patent of Addition to Application	:NA	2)HUANG Congyi
Number	:NA	3)YOUNG Matthew
Filing Date	,11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a drive mechanism for an autoinjector configured to be coupled to a drug containing portion to form a complete autoinjector the drive mechanism comprising: a housing (20); a drive means coupled to the housing the drive means comprising a resilient member (22); a retaining means coupled to the housing the retaining means (60) engaging the drive means in a first position to retain the resilient member in a deformed condition and releasing the drive means in a second position; and a coupling means (24) for coupling with a drug containing portion (10). The drug containing portion retains the drive means in a second deformed condition when the retaining means is in the second position the drive means storing enough energy in the second deformed condition to drive needle insertion and/or drug delivery.

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

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DIRECT SEALING OF GLASS MICROSTRUCTURES

(57) Abstract:

Embodiments of methods for sealing a glass microstructure assembly comprise providing one or more side retainer members on a base plate adjacent the glass microstructure assembly the side retainer members having a height less than an uncompressed height defined by the glass microstructure assembly. The methods also comprise compressing the glass microstructure assembly via a load bearing top plate in intimate contact with the top glass layer while heating the glass microstructure assembly and the top plate to a glass sealing temperature the glass sealing temperature being a temperature sufficient to make glass viscous wherein the glass microstructure assembly is compressed until the load bearing top plate contacts the side retainer members and wherein the lower surface of the top plate maintains adhesion to the upper surface of the top glass layer at the glass sealing temperature while the load bearing plate is supported by the side retainer members.

No. of Pages: 26 No. of Claims: 15

(21) Application No.4669/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : BIOLOGICALLY ACTIVE RADIOLABELED CRY1FA AND RECEPTOR BINDING ASSAY METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:61/423844 :16/12/2010 :U.S.A. :PCT/US2011/065322 :16/12/2011 :WO 2012/083099 :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)EVANS Steven L. 2)LI Jianquan 3)SHEETS Joel J.
11	:NA :NA	S)SHEETS JOELJ.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Cysteine specific radiolabeled Cry1Fa protein retains insecticidal activity against insect pests and binds to insect brush border membrane vesicle receptors in a saturable manner. The biologically active radiolabeled Cry1Fa protein is useful in competitive binding assays with other Cry toxins.

No. of Pages: 37 No. of Claims: 6

(21)

(21) Application No.4812/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: A PROTECTIVE HELMET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A42B3/04 :2010904867 :01/11/2010 :Australia :PCT/AU2011/001397 :01/11/2011 :WO 2012/058712 :NA :NA	(71)Name of Applicant: 1)VOZTEC PTY LTD Address of Applicant: Level 10 68 Pitt Street Sydney New South Wales 2000 Australia (72)Name of Inventor: 1)BRYANT Mark 2)VOZZO John
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure is concerned with technology for protective helmets with a particular focus on rear opening full face helmets. Embodiments are primarily focussed on an emergency release mechanism for such helmets which allows the helmet to be separated into a front and rear shell thereby to facilitate removal from a wearer s head with minimal stress to the neck.

No. of Pages: 71 No. of Claims: 35

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

:NA

(54) Title of the invention : FREEWHEEL AND STARTING DEVICE FOR AN INTERNAL COMBUSTION ENGINE COMPRISING SAME

(51) International classification :F16D41/06 (31) Priority Document No :10 2010 052 921.4 (32) Priority Date :30/11/2010 (33) Name of priority country :Germany (86) International Application No :PCT/EP2011/062773 Filing Date :26/07/2011 (87) International Publication No :WO 2012/072280 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA

(71)Name of Applicant:

1)SCHAEFFLER TECHNOLOGIES AG & CO. KG

Address of Applicant :Industriestrae 1 3 91074

Herzogenaurach Germany (72)Name of Inventor: 1)SPERBER Matthias

(57) Abstract:

Filing Date

The invention relates to a freewheel (2) and to a starting device (1) for an internal combustion engine having an inner part (4) driven in rotation about a rotational axis by means of an external force an outer ring (3) operatively connected to a crankshaft of the internal combustion engine and disposed between the inner part (4) and the outer ring (3) circumferentially distributed blocking members (8) forming a freewheel (2). In order to be able to transfer greater torques by means of an inexpensive freewheel under the given installation space conditions or to be able to provide smaller installation spaces for the same transferrable torque the blocking members (8) are arranged in such a manner that they are displaceable radially with respect to the outer ring (3) and to a limited extent circumferentially in the blocked state of the freewheel (2) a positive engagement is formed between outer ring (3) and inner part (4) by means of the blocking members (8) and in the unblocked state of the freewheel (2) the blocking members (8) are displaced by means of a displacement force acting between the inner part (4) and the blocking members (8) into a rest position (A) with radial clearance (14) relative to the inner part (4).

No. of Pages: 13 No. of Claims: 10

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEBUG STATE MACHINE AND PROCESSOR INCLUDING THE SAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:G06F11/36 :12/958585 :02/12/2010 :U.S.A. :PCT/US2011/062848 :01/12/2011 :WO 2012/075260 :NA :NA	(71)Name of Applicant: 1)ADVANCED MICRO DEVICES INC. Address of Applicant: One AMD Place Sunnyvale California 94085 U.S.A. (72)Name of Inventor: 1)RENTSCHLER Eric 2)KOMMRUSCH Steven J. 3)NIXON Scott P.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A processor or an integrated circuit chip including a debug state machine (DSM) that allows for programming complex triggering sequences for flexible and efficient debug visibility is disclosed. The DSM centralizes control of local debug functions such as trace start and stop trace filtering cross triggering between DSMs clock stopping triggering a system debug mode interrupt flexible microcode interface and the like. The DSM is configured to receive triggers from a processor core other DSMs a northbridge other sockets and the like and initiate a programmed action on a condition that a corresponding trigger or a sequence of triggers occurs.

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

(12) THE LITTED ENTROLLED CHILD

(21) Application No.4819/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WINDOW WIPER DEVICE

(51) International classification	:B60S1/24,B60S1/58	(71)Name of Applicant:
(31) Priority Document No	:10 2010 063 018.7	1)ROBERT BOSCH GMBH
(32) Priority Date	:14/12/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/070192	(72)Name of Inventor:
Filing Date	:16/11/2011	1)HUESGES Mario
(87) International Publication No	:WO 2012/079896	2)STERNS Orlando
(61) Patent of Addition to Application	:NA	3)GEUBEL Paul
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A window wiper device (1) in particular for a rear window wiper of a motor vehicle with a wiper motor which via a gear arrangement (3) accommodated in a gear housing (2) drives an output shaft (4) which actuates a wiper lever wherein in order to transmit a rotary movement of the wiper motor into an oscillating rotational movement of the output shaft (4) the gear arrangement (3) has a conversion gear (5) which comprises a worm wheel (11) a connecting rod (6) which is connected in a hinged manner to the worm wheel (11) and a toothed segment (8) which is connected in an articulated manner to the connecting rod (6) is mounted rotatably about an axis of rotation in the gear housing (3)in a positionally fixed manner and meshes with a pinion (9) arranged on the output shaft (4) which window wiper device is characterized in that the toothed segment (8) is designed in such a manner that a central tooth axis (Z) formed by the arrangement of the teeth of the toothed segment (8) and the axis of rotation (D) of the toothed segment (8) are offset with respect to each other by a distance (V).

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

(21) Application No.4820/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CONTROL DEVICE AND METHOD FOR PRODUCING A CONTROL DEVICE

(51) International classification :H05K7/14,B60R16/023 (71)Name of Applicant : (31) Priority Document No :10 2010 063 158.2 1)ROBERT BOSCH GMBH (32) Priority Date Address of Applicant :Postfach 30 02 20 70442 Stuttgart :15/12/2010 (33) Name of priority country :Germany Germany (86) International Application No (72)Name of Inventor: :PCT/EP2011/069341 Filing Date 1)KROECKEL Markus :03/11/2011 (87) International Publication No :WO 2012/079838 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention relates to a control device (10; 10a; 10b) in particular for a motor vehicle with a housing (11; 32; 46) in the form of a withdrawable part housing with at least one printed circuit board (20; 30 31) being arranged in the interior of said housing. The invention provides for the at least one printed circuit board (20; 30 31) to have at least one associated damping element (22 23; 37 38 39) which is preferably connected to the printed circuit board (20; 30 31) and is elastic at least in a plane perpendicular to the printed circuit board (20; 30 31) and for the at least one damping element (22 23; 37 38 39) to interact with a deformation region (24 25; 41 42; 47 48) of the housing (11; 32; 46) said deformation region being formed by providing a dent in a housing section and in the process producing a bearing contact with the at least one damping element (22 23; 37 38 39).

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD AND APPARATUS FOR PROVIDING STATIC FRAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:25/11/2011 :WO 2012/071647 :NA :NA	(71)Name of Applicant: 1)ATI TECHNOLOGIES ULC Address of Applicant: One Commerce Valley Drive East Markham Ontario L3T 7X6 Canada (72)Name of Inventor: 1)MASNIKOSA Andjelija 2)CARTER Collis Quinn
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method and apparatus provides for providing a static frame. In one example the method and apparatus divides a frame into regions and sends the divided regions of the frame from a display data transmitter e.g. a processor such as a graphic processing unit (GPU) to a display data receiver e.g. a timing controller (TCON). In a self refresh mode when the frame is static the method and apparatus detects alteration of one or more regions in the static frame. The alteration may be due to data errors in one or more regions of the static frame captured by the display data receiver and/or due to updated content (e.g. movement of a cursor) in one or more regions of the static frame in the display data transmitter. The method and apparatus then in one example only resends those altered regions from the display data transmitter to the display data receiver to redress the alteration.

No. of Pages: 53 No. of Claims: 25

(21) Application No.4822/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: CONNECTOR SYSTEM FOR A FUEL CELL STACK

(51) International classification: H01M8/02,H01M8/24,H01R4/18 (71) Name of Applicant:

(31) Priority Document No :1020478.2 (32) Priority Date :03/12/2010

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

(86) International Application :PCT/GB2011/052265

Filing Date

:18/11/2011

(87) International Publication

:WO 2012/073000

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)INTELLIGENT ENERGY LIMITED

Address of Applicant : Charnwood Building Holywell Park

Ashby Road Loughborough LE11 3GB U.K.

(72)Name of Inventor: 1)HOOD Peter

(57) Abstract:

An electrical connection system for cell voltage monitoring in a fuel cell stack. A fuel cell stack assembly comprises a plurality of fuel cells disposed in a stacked configuration each cell substantially parallel to an x y plane and including an electrical tab extending laterally from an edge of a plate in the cell in the x direction to form an array of tabs extending along a side face of the fuel cell stack in a z direction orthogonal to the x y plane. A connector device comprises a planar member having a plurality of spaced apart slits formed in an edge of the planar member each slit having an electrically conductive material on an inside face of the slit. The slits are spaced along the edge of the planar member and configured to receive the tabs by sliding engagement in the y direction. Alternatively each tab may be crimped to create a distortion in the tab out of the x y plane of the plate and a connector device comprises a planar member having a plurality of generally parallel slits formed in the body of the planar member each slit having an electrically conductive material on an inside face of the slit the slits being spaced within the planar member and configured to receive the tabs by sliding engagement in the x direction so that each tab engages with at least a portion of the electrically conductive material on the inside face of a respective slit.

No. of Pages: 25 No. of Claims: 18

(21) Application No.4802/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: IMAGING AGENTS

(51) International

:A61K49/00,C07D271/12,C07F5/02

classification

(31) Priority Document No :1021467.4

(32) Priority Date

:17/12/2010 (33) Name of priority country: U.K.

(86) International Application :PCT/GB2011/001729

:16/12/2011

Filing Date

(87) International Publication :WO 2012/080705

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(57) Abstract:

(71)Name of Applicant:

1)CHROMA THERAPEUTICS LTD

Address of Applicant: 93 Milton Park Abingdon Oxfordshire

OX14 4RY U.K.

(72)Name of Inventor:

1)CHARLTON Michael Hugh 2)MOFFAT David Festus Charles

3)DAVIES Steven John

4)DRUMMOND Alan Hastings

An imaging agent for cells which produces an intracellular imaging signal proportional to the amount of hCE 1 in the cells independently of the amount of hCE 2 and/or hCE 3 in the cells said imaging agent being a covalent conjugate of (a) an imaging agent and (b) an alpha mono or di substituted amino acid ester wherein (a) is directly linked to (b) or (a) is indirectly linked to (b) by a linker radical and wherein said direct or indirect linkage is via the amino group of (b) and wherein the amino group is not directly linked to a carbonyl group and wherein the said alpha mono or di substituted amino acid ester part is selectively hydrolysable to the corresponding carboxylic acid part by the intracellular carboxylesterase enzyme hCE 1 relative to the intracellular enzymes hCE 2 or hCE 3.

No. of Pages: 72 No. of Claims: 10

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NON INVASIVE DEVICE FOR SYNCHRONIZING CHEST COMPRESSION AND VENTILATION PARAMETERS TO RESIDUAL MYOCARDIAL ACTIVITY DURING CARDIOPULMONARY RESUSCITATION

(51) International :A61H23/04,A61M16/00,A61N1/362 classification

(31) Priority Document No :61/419525 (32) Priority Date :03/12/2010

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

country (86) International

Application No :PCT/US2011/063291

Filing Date :05/12/2011

(87) International Publication No :WO 2012/075493

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)ZOLL MEDICAL CORPORATION

Address of Applicant :269 Mill Road Chelmsford MA 01824

U.S.A.

2)ADONEH LLC (72)Name of Inventor: 1)PARADIS Norman 2)BARASH David 3)HALPERIN Henry R.

4)FREEMAN Gary

(57) Abstract:

A system (10) to treat a patient having a heart and a chest the system (10) comprising: a least one sensor (12) monitoring cardiac activity in the patient by detecting at least one of myocardial pump activity myocardial mechanical activity hemodynamics and organ perfusion; a logic controller (14) receiving signals from the at least one sensor (12) and generating control commands for controlling one or more phasic therapies (16 23 26 28) and synchronizing the one or more phasic therapies (16 23 26 28) with the monitored cardiac activity in the patient; and wherein the logic controller (14) executes an algorithm stored in memory associated with the logic controller wherein the algorithm causes the logic controller (14) to generate commands to vary patterns of the application of the one or more phasic therapies and thereafter detect changes in at least one of the sensed myocardial pump activity myocardial mechanical activity hemodynamics and organ perfusion due to variations in the patterns and determine one of the patterns of phasic therapies (16 23 26 28) corresponding to a desired level of at least one of sensed myocardial pump activity myocardial mechanical activity hemodynamics and organ perfusion hemodynamics and organ perfusion.

No. of Pages: 72 No. of Claims: 49

(21) Application No.4804/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VEHICLE INFORMATION TRANSMISSION DEVICE

(51) International classification	:B60K35/00,G02B27/01	(71)Name of Applicant :
(31) Priority Document No	:2010273883	1)TOYOTA JIDOSHA KABUSHIKI KAISHA
(32) Priority Date	:08/12/2010	Address of Applicant :1 Toyota cho Toyota shi Aichi ken 471
(33) Name of priority country	:Japan	8571 Japan
(86) International Application No	:PCT/IB2011/002923	(72)Name of Inventor:
Filing Date	:05/12/2011	1)HATAKEYAMA Yoshiyuki
(87) International Publication No	:WO 2012/076954	2)KAWAMATA Shinya
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A vehicle information transmission device prompts recognition of a certain object. The vehicle information transmission device prompts recognition of a position different from a position of the certain object.

No. of Pages: 44 No. of Claims: 15

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SPECIMEN COLLECTION CONTAINER ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01L3/14 :61/419587 :03/12/2010 :U.S.A. :PCT/US2011/060781 :15/11/2011 :WO 2012/074738 :NA :NA :NA	(71)Name of Applicant: 1)BECTON DICKINSON AND COMPANY Address of Applicant: 1 Becton Drive Franklin Lakes New Jersey 07417 U.S.A. (72)Name of Inventor: 1)BARTFELD Benjamin R. 2)ELLIS Robert G. 3)GOLABEK Robert S. JR. 4)DUBROWNY Nancy 5)PARMAR Girish 6)HOLMES Paul 7)DELK Michael 8)BLEKHER Alex
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(57) Abstract:

A specimen collection container includes inner and outer tubes. The inner tube includes a bottom end a top end and a sidewall extending therebetween defining an interior. The sidewall includes an inner surface and an outer surface having at least one annular protrusion extending therefrom. The inner tube includes at least one funnel portion adjacent the top end for directing a specimen into the inner tube interior and an annular ring disposed about a portion of the outer surface of the sidewall adjacent the top end. The outer tube includes a bottom end a top end and a sidewall extending therebetween the sidewall having an outer surface and an inner surface defining an annular recess adapted to receive a portion of the annular protrusion therein. The inner tube is disposed within the outer tube and a portion of the top end of the outer tube abuts the annular ring.

No. of Pages: 35 No. of Claims: 22

(21) Application No.4823/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: WIPER BLADE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60S1/40,B60S1/38 :10 2010 062 910.3 :13/12/2010 :Germany :PCT/EP2011/069586 :08/11/2011 :WO 2012/079848 :NA :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)HERINCKX Dirk 2)DEPONDT Helmut 3)BEX Koen
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(57) Abstract:

The invention relates to a wiper blade device comprising a wiper blade adapter (10) and a wiper strip unit (12). According to the invention said wiper strip unit (12) has at least one securing recess (14) which in at least one operating state forms an interlocking connection with the wiper blade adapter (10).

No. of Pages: 15 No. of Claims: 12

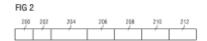
(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CONGESTION NOTIFICATION ELEMENT AND METHOD FOR CONGESTION CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L12/56 :10194018.7 :07/12/2010 :EPO :PCT/EP2011/071950 :06/12/2011 :WO 2012/076540 :NA :NA :NA	(71)Name of Applicant: 1)SIEMENS AKTIENGESELLSCHAFT Address of Applicant: Wittelsbacherplatz 2 80333 M¼nchen Germany (72)Name of Inventor: 1)BAHR Michael 2)STAEHLE Barbara 3)STAEHLE Dirk
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(57) Abstract:

The invention proposes a congestion notification element for indicating a congestion status of a mesh node the congestion notification element including at least one field specifying a mesh destination for which an intra mesh congestion control is to be applied. A particular advantage of the invention lies in the ability of forwarding data frames on paths that share some links but not the bottleneck link with a path that is congestion controlled. This has not been possible with the currently specified congestion notification.



No. of Pages: 33 No. of Claims: 17

(21) Application No.4826/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: DISK BRAKE

(51) International classification	:F16D65/14	(71)Name of Applicant :
(31) Priority Document No	:NA	1)WABCO RADBREMSEN GMBH
(32) Priority Date	:NA	Address of Applicant :Brlochweg 25 68229 Mannheim
(33) Name of priority country	:NA	Germany
(86) International Application No	:PCT/EP2010/007196	(72)Name of Inventor:
Filing Date	:26/11/2010	1)KLOSS Eugen
(87) International Publication No	:WO 2012/069069	2)LERCHL Karl Heinz
(61) Patent of Addition to Application	.ATA	3)HARDER Markus
Number	:NA	4)GASTGEB Christian
Filing Date	:NA	4)ONSTOLD CHRISTIAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
7.5		

(57) Abstract:

The invention relates to a disk brake for commercial vehicles comprising a brake caliper a brake application device which has a rotating lever and an eccentric brake shaft attached to one of the ends of the rotating lever a pressure distribution device which can be moved against the pre loading force of at least one compression spring by means of the brake application device in order to apply the brake and an actuating device wherein the rotating lever the brake shaft and the compression spring lie within the brake caliper and the actuating device is attached to the brake caliper and is operatively connected to the rotating lever by means of a functional opening. An area of the brake caliper on which the brake shaft is supported during brake application lies within a first hole which has a contour that is circular arc shaped at least in some sections in a view parallel to the brake disk axis and the brake shaft is supported on the brake caliper by means of an intermediate piece (30) at least partially accommodated in the first hole.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TOOTHBRUSH INCLUDING KIT FOR DECORATING SAID TOOTHBRUSH

(51) International classification :B65D75/36,A46B15/00,A61C17/22

(31) Priority Document No :61/424730 (32) Priority Date :20/12/2010 (33) Name of priority country:U.S.A.

(86) International :PCT/US2011/060294

Application No
Filing Date

FC1/03201
:11/11/2011

(87) International Publication :WO 2012/087452

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date

(62) Divisional to

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

(71)Name of Applicant:

1)COLGATE PALMOLIVE COMPANY

Address of Applicant :300 Park Avenue New York NY 10022

U.S.A.

(72)Name of Inventor:

1)JIMENEZ Eduardo

2)LEE David K.

3)NGUYEN Quang

(57) Abstract:

A kit for decorating a toothbrush includes the toothbrush having a base portion and at least one decorative band sized to fit around the outer perimeter of the base portion of the toothbrush. A second embodiment of the kit includes the toothbrush a writing instrument and an area designated on the base portion for marking with the writing instrument. A third embodiment of the kit includes the toothbrush a writing instrument an area designated on the base portion for marking with the writing implement and at least one decorative band sized to fit around the outer perimeter of the base portion of the toothbrush. Any of the kits may include at least one sticker sized to fit on the base portion of the toothbrush. Any of the kits may also include a panel including one or more stickers and/or one or more decorative bands.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR PREPARING ROSUVASTATIN SALTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D239/42 :P1000638 :29/11/2010 :Hungary :PCT/HU2011/000112 :29/11/2011 :WO 2012/073054 :NA :NA :NA	(71)Name of Applicant: 1)EGIS GYGYSZERGYR NYILVNOSAN MSK-D R‰SZV‰NY TRSASG Address of Applicant: Kereszt°ri °t 30 38 H 1106 Budapest Hungary (72)Name of Inventor: 1)PORCS MAKKAY Marta 2)BARTHA Ferenc L³r;nt 3)KRASZNAI Gyrgy 4)VOLK Bal;zs 5)RUZSICS Gyorgy 6)PONG L;szl³ 7)LUKCS Gyula 8)SZAB Tibor 9)BARKCZY J³zsef 10)DEBRECZENI J³zsef 11)KESZTHELYI Adrienn 12)PANDUR Angla 13)MOLNR Enik 14)MILEN M;ty;s 15)TTHN‰ LAURITZ Maria
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(57) Abstract:

The present invention is related to methods for the preparation of pharmaceutically acceptable salts of (+) 7 [4 (4 fluorophenyl) 6 isopropyl 2 (methanesulfonyl methyl amino) pyrimidin 5 yl] (3R 5S 6E) dihydroxy hept 6 enoic acid intermediates thereof and methods for producing said intermediates.

No. of Pages: 49 No. of Claims: 18

(21) Application No.4686/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEBLOCKING FILTERING

(51) International classification	:H04N7/26,H04N7/50	(71)Name of Applicant:
(31) Priority Document No	:61/432746	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:14/01/2011	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/SE2012/050027	1)NORKIN Andrey
Filing Date	:13/01/2012	2)SJ-BERG Rickard
(87) International Publication No	:WO 2012/096623	3)ANDERSSON Kenneth
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of reducing blocking artifacts associated with consecutive pixels of a block boundary of an image such as e.g. a video frame is provided. Pixels values of pixels selected from a first block and at least a neighboring block being located on opposite sides of a block boundary are evaluated. A first offset for the two pixels of each block located next to the block boundary is calculated after which the first offset is compared to a first threshold value. If abs[first offset] < first threshold the respective pixel values of n consecutive pixels from the first block and the respective pixel values of m consecutive pixels from the second block are modified by applying normal filtering on the respective pixels while if instead <math>abs[first offset] >= first threshold the respective pixel values of j consecutive pixels from the first block and the respective pixel values of k consecutive pixels from the second block are modified by applying weak filtering or no filtering at all on the respective pixels where <math>n > 0 m>0 n>=j and m>=k.

No. of Pages: 55 No. of Claims: 37

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DYNAMIC RESOURCE ALLOCATION IN A MULTI ROLE OR MULTI FUNCTION SYSTEM

(51) International classification	:H01Q3/30	(71)Name of Applicant:
(31) Priority Document No	:TO2010A000925	1)SELEX ES S.p.A.
(32) Priority Date	:22/11/2010	Address of Applicant :Via Piemonte 60 Roma Italy
(33) Name of priority country	:Italy	(72)Name of Inventor:
(86) International Application No	:PCT/IB2011/055241	1)CELENTANO Salvatore
Filing Date	:22/11/2011	2)DONATI Francesca
(87) International Publication No	:WO 2012/069994	3)PARDINI Sergio
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A multi role or multi function system (1) operable to perform a multi role or a multi function and configured to dynamically allocate requisite resources for performing antenna functions (EFM) during a frame interval (t) of the multi role or the multi function by: determining whether the antenna functions (EFM) are completely performable in the frame interval (t) based on a time sharing resource allocation procedure; and if not allocating the requisite resources for performing the antenna functions (EFM) during the frame interval (t) based on a time sharing resource allocation procedure and an antenna sharing resource allocation procedure.

No. of Pages: 43 No. of Claims: 21

(21) Application No.4835/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: CONNECTOR CABLE TRANSMISSION DEVICE RECEPTION DEVICE AND METHOD OF MANUFACTURING CONNECTOR

(51) International :H01R13/658,H01B7/00,H01B11/06 classification

(31) Priority Document No :2010274240

(32) Priority Date :09/12/2010 (33) Name of priority country: Japan

(86) International

:PCT/JP2011/077991 Application No

:02/12/2011 Filing Date

(87) International Publication :WO 2012/077612

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant: 1)SONY CORPORATION

Address of Applicant: 1 7 1 Konan Minato Ku Tokyo 1080075

(72)Name of Inventor: 1)TOBA Kazuaki 2)SUZUKI Hidevuki

3)HIRANO Taichi

(57) Abstract:

To provide in a new HDMI interface wherein a pin assigned to a shield is used as a data pair a connector that is able to conduct high quality signal transmission while maintaining compatibility with HDMI connectors currently in use. [Solution] Signal electrode pins (252 152) are arranged to be close to shells (ground conductors) (253 153) respectively so as to couple therewith and signals are transmitted in single ended state. Ground planes (254 154) are arranged between a plurality of signal electrode pins of a first tier and a plurality of signal electrode pins of a second tier both of which exist within dielectrics (251 151). Connecting conductors (255 155) which electrically connect the ground planes and the shells are arranged between each of the signal electrode pins of each of the tiers within the dielectrics (251 151). In a pair of signal electrode pins for transmitting a differential signal crosstalk from other signal electrode pins can be reduced enabling high quality signal transmission.

No. of Pages: 148 No. of Claims: 14

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: IMAGE CAPTURE DEVICE AND IMAGE CAPTURE METHOD

(51) International classification :H04N5/225,H04N13/02 (71)Name of Applicant : (31) Priority Document No 1)SONY CORPORATION :2010273648 (32) Priority Date Address of Applicant: 1 7 1 Konan Minato ku Tokyo 1080075 :08/12/2010 (33) Name of priority country :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2011/077841 Filing Date 1)KUROKI Yoshihiko :01/12/2011 (87) International Publication No :WO 2012/077574 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to an image capture device and an image capture method with which it is possible to obtain disparity information without degradation in image quality. Incident light from a photographic subject is made parallel by a relay lens unit (33) a portion of the incident light is reflected by translucent mirrors (35) and the remainder of the incident light passes through the translucent mirrors (35). An image capture element (39) captures a base image photoelectrically converting the incident light which passes through the translucent mirrors (35). Image capture elements (40) capture images for disparity detection photoelectrically converting the incident light which is reflected by the translucent mirrors (35). Disparity image generation units (44) generate left and right disparity images replacing pixel values of each pixel in the images for disparity detection with pixel values of pixels in the base image which correspond to said pixels. It is thus possible to obtain pairs of high quality disparity images having appropriate disparity if a high quality base image and images for disparity detection having disparity information are used. The present invention is applicable to a camera.

No. of Pages: 67 No. of Claims: 12

(22) Date of filing of Application: 27/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: RUBBER COMPOSITION AND TIRE USING THE SAME

(51) International classification :C08L9/00,B60C1/00,C08K5/20 (71)Name of Applicant :

(31) Priority Document No :2010261375 (32) Priority Date :24/11/2010

(33) Name of priority country :Japan

(86) International Application No: PCT/JP2011/077081 Filing Date :24/11/2011

(87) International Publication No: WO 2012/070626

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)BRIDGESTONE CORPORATION

Address of Applicant: 10 1 Kyobashi 1 chome Chuo ku Tokyo

1048340 Japan

2)KAO CORPORATION

(72)Name of Inventor:

1)YAGI Reiko 2)FUJIKI Kumi 3)TAKANO Tetsuo

4)TSUCHIHASHI Masaaki

(57) Abstract:

In order to provide a rubber composition which is improved in dispersibility of silica in rubber compositions and can be improved as well in heat build-up and processability without causing increasing a viscosity of unvulcanized rubber and retarding a vulcanization rate, and a tire prepared by using the same, the rubber composition is endowed with a constitution in which at least one rubber component selected from natural rubber and/or diene base synthetic rubbers is compounded with a white filler and at least one of monoalkanolamides represented by the following Formula (I): [in Formula (I) described above, R1 represents an alkyl group or an alkenyl group having 1 to 13 carbon atoms, and the alkyl group and alkenyl group may be any of a linear type, a branched type and a cyclic type; and R2 represents a hydroxyalkyl group or a hydroxyalkyl group having an oxyalkylene unit].

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

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

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

(51) International classification	:H04N7/26	(71)Name of Applicant:
(31) Priority Document No	:2010272907	1)SONY CORPORATION
(32) Priority Date	:07/12/2010	Address of Applicant :1 7 1 Konan Minato ku Tokyo 1080075
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2011/077954	(72)Name of Inventor:
Filing Date	:02/12/2011	1)IKEDA Masaru
(87) International Publication No	:WO 2012/077608	2)TANAKA Junichi
(61) Patent of Addition to Application	:NA	3)MORIGAMI Yoshitaka
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Disclosed is an image processing device enabling further parallelization of processing during application of a deblocking filter. The disclosed image processing device is provided with: a decoding unit for decoding an image from an encoding stream; a horizontal filtering unit for applying the deblocking filter to vertical block boundaries in the image decoded by the aforementioned decoding unit; a vertical filtering unit for applying the deblocking filter to horizontal block boundaries in the image decoded by the aforementioned decoding unit; and a control unit which allows the aforementioned horizontal filtering unit to parallelly filter multiple vertical block boundaries included in a processing unit encompassing multiple encoding units and allows the aforementioned vertical filtering unit to parallelly filter multiple horizontal block boundaries included in the aforementioned processing unit.

No. of Pages: 122 No. of Claims: 28

(21) Application No.4842/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD OF DYNAMIC ENERGY SAVING SUPERCONDUCTIVE PROPELLER INTERACTION WITH A FLUID MEDIUM

()	 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:31/10/2011 :WO 2012/064353 :NA :NA	(71)Name of Applicant: 1)REMCO INTERNATIONAL INC. Address of Applicant: 3993 Huntingdon Pike Suite 104 Huntingdon Valley PA 19006 U.S.A. (72)Name of Inventor: 1)RELIN Arkadi
Elling Data	- 100000	:NA :NA :NA	

(57) Abstract:

In a propeller system a process of dynamic energy saving superconductive propeller interaction with a fluid medium comprises providing a perforation on the working blade surfaces having the different pressures with an element possibility of the dynamic fluid medium flow connection between said blade perforations; and modulating a value of said connection of the blade so called breathing surfaces in dependence on a change of a value of at least one controlled characteristic influencing a dynamic energy efficiency of a propeller process such that a dynamic structure energetically optimization of said modulated surface energy interaction is provided.

No. of Pages: 63 No. of Claims: 26

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: SYSTEM AND METHOD FOR OFF HIGHWAY VEHICLE ENGINE CRANKING

(51) International classification:B60K6/448,F02N11/08,B60K1/00 (71)Name of Applicant:

:12/980388 (31) Priority Document No (32) Priority Date :29/12/2010

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

(86) International Application :PCT/US2011/062276

:29/11/2011 Filing Date

(87) International Publication :WO 2012/091831

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)GENERAL ELECTRIC COMPANY

Address of Applicant: 1 River Road Schenectady NY 12345

U.S.A.

(72)Name of Inventor:

1)DAUM Wolfgang

2)KUMAR Ajith Kuttannair

3)WORDEN Bret 4)YOUNG Henry 5)BROWN Timothy 6)WOLF Jeffrey

(57) Abstract:

Methods and systems are provided for operating an engine the engine coupled to a traction alternator for vehicle travelling. In one example the method includes in an off highway vehicle running mode of operation supplying current from the traction alternator to a traction motor via a traction inverter to propel the vehicle and in a starting mode of operation supplying stored energy from a first energy source and a secondary energy source to the traction alternator to start the engine.

No. of Pages: 50 No. of Claims: 25

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ELECTRIC POWER STORAGE SYSTEM ELECTRONIC DEVICE ELECTRICALLY POWERED VEHICLE AND ELECTRIC POWER SYSTEM

(51) International classification: H02J7/00,B60L11/18,H01M10/42 (71) Name of Applicant: (31) Priority Document No :2010273364 (32) Priority Date :08/12/2010 (33) Name of priority country :Japan

:NA

(86) International Application :PCT/JP2011/073978

:12/10/2011 Filing Date

(87) International Publication :WO 2012/077412 No

(61) Patent of Addition to :NA **Application Number**

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

Filing Date

1)SONY CORPORATION

Address of Applicant: 17 1 Konan Minato ku Tokyo 1080075

(72)Name of Inventor: 1)KUMAGAI Eiji

(57) Abstract:

Electric discharge is stopped when the voltage of a battery becomes smaller than a predetermined value or the residual capacity of the battery becomes 0 and an electric power supply in a system is turned off automatically to make the system in a shut down state when the electric power supply in the system cannot be maintained. When the voltage or SOC of a battery from a battery monitor (11) is determined as being smaller than a predetermined value a discharge control switch (22) is turned off. A voltage (Vx) that corresponds to a voltage between a terminal (T1) and a terminal (T2) is input to an A/D port of a control unit (21) and the value of the voltage (Vx) is monitored. When the voltage (Vx) that is input to the A/D port is determined as being smaller than a predetermined value a switch circuit (12) is turned off by the control unit (21) and the electric power supply for a battery monitor (11) is shut down. At the same time a control switch (25) is turned off by a switch control signal (S1). As a result the operation of a DC/DC converter (24) is stopped and the system is shut down.

No. of Pages: 49 No. of Claims: 13

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

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

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	2010272907 07/12/2010 Japan	(71)Name of Applicant: 1)SONY CORPORATION Address of Applicant: 1 7 1 Konan Minato ku Tokyo 1080075 Japan (72)Name of Inventor: 1)IKEDA Masaru 2)TANAKA Junichi 3)MORIGAMI Yoshitaka
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(57) Abstract:

Disclosed is an image processing device enabling further parallelization of processing during application of a deblocking filter. The disclosed image processing device is provided with: a decoding unit for decoding an image from an encoding stream; a determination unit for performing determination processing for determining whether to apply a deblocking filter to a neighboring block that neighbors the block boundary of an image decoded by the aforementioned decoding unit; a filtering unit for applying the deblocking filter to the neighboring block to which the aforementioned determination unit determined that the deblocking filter was to be applied; and a control unit which lets the aforementioned determination unit implement the aforementioned determination processing for a vertical block boundary and a horizontal block boundary using as reference pixels the pixels in the aforementioned neighboring block of the reconstructed image.

No. of Pages: 123 No. of Claims: 24

(21) Application No.4839/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PRODUCTION OF MULTI PART JOINED VALVE COMPONENTS IN HYDRAULIC APPLICATIONS WITH JOINT SEALING PROFILES

(51) International classification :F16F9/32,F16F9/34,F16F9/36 (71)Name of Applicant : (31) Priority Document No :10 2010 050 868.3

(32) Priority Date :09/11/2010 (33) Name of priority country :Germany

(86) International Application No :PCT/EP2011/005633 Filing Date :09/11/2011

(87) International Publication No :WO 2012/062466

(61) Patent of Addition to :NA Application Number :NA Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)GKN Sinter Metals Holding GmbH

Address of Applicant :Krebsge 10 42477 Radevormwald

Germany

(72)Name of Inventor: 1)FREY Sascha 2) GRUBER Rainer

(57) Abstract:

The invention relates to a valve component (1 12 17 29 34 43 46 48) in particular for a piston or a valve comprising at least one first disk shaped joining part (2 3 17 24 28 33 45) and at least one second disk shaped joining part (2 3 17 24 28 33 45) wherein the first and second joining parts (2 3 17 24 28 33 45) have at least one opening (4 5 14 15 27 37) and wherein once the joining parts (2 3 17 24 28 33 45) have been joined the opening (4 5 14 15 27 37) in the joining parts (2 3 17 24 28 33 45) interacts in such a way that a channel is formed and a fluid medium in particular an oil is formed through the channel (6 16 39) and a fluid medium can flow through the channel (6 16 39) and wherein in a first region of the first joining part (2 3 17 24 28 33 45) an at least partially peripheral elevation (9 19 25 30 35) and/or depression (10 20 26 32 36) and in a second region of the second joining part (2 3 17 24 28 33 45) said second region being opposite the first region an at least partially peripheral elevation (9 19 25 30 35) and/or depression (10 20 26 32 36) are provided wherein the elevation (9 19 25 30 35) and/or the depression (10 20 26 32 36) interact with one another in sealing fashion once the joining parts have been joined.

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

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR IDENTIFCATION AND CULTURE OF MULTIPOTENT MESENCHYMAL STEM CELLS WITH HIGH PROLIFERATION POTENTIAL

(51) International :C12N5/0775,C12Q1/02,C12N1/04

classification

(31) Priority Document No :61/459987 (32) Priority Date :22/12/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/066385

No :21/12/2011 Filing Date

(87) International Publication

:WO 2012/088225

(61) Patent of Addition to :NA **Application Number**

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

:NA Filing Date

(57) Abstract:

(71)Name of Applicant:

1)THE ADMINISTRATOR OF THE TULANE

EDUCATIONAL FUND

Address of Applicant: Office of Technology Transfer, 1440 Canal Street, TB-32, New Orleans, LA 70112-2632, USA

(72)Name of Inventor: 1)OCONNOR Kim 2) RUSSELL Katie

Variations in the differentiation and lineage potential of stem cells including mesenchymal stem cells currently limit their therapeutic use. The ability to identify isolate and specifically amplify stem cell populations with desired differentiation potential would contribute the use of stem cells in research and therapy. The present invention discloses a method of assessing differentiation potential of stem cells by measuring the differential expression of antigens CD 146 and NG2 on the stem cells. The correlation between CD 146 and NG2 expression and differentiation and trilineage potential is explored. The invention also discloses methods to specifically amplify or enrich stem cells with desired differentiation potential monitor the differentiation potential of a heterogeneous stem cell population quantify the heterogeneity in differentiation potential of a stem cell culture and remove stem cells with specific differentiation potentials from a heterogeneous cell culture.

No. of Pages: 35 No. of Claims: 36

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: WATER INLET VALVE FOR TOILET AND CONTROL METHOD THEREOF

(51) International classification: F16K31/22,F16K21/18,E03D1/34 (71) Name of Applicant:

(31) Priority Document No :201010541742.7 (32) Priority Date :11/11/2010

(33) Name of priority country :China

(86) International Application :PCT/CN2011/081849

:07/11/2011 Filing Date

(87) International Publication

:WO 2012/062189

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number Filing Date

:NA

1)LI Feiyu

Address of Applicant :No.2 Xia fei East Road Haicang

Xiamen Fujian 361022 China

2)YAO Dongsheng

3)LIU Yuzhi

(72)Name of Inventor:

1)LI Feivu

2)YAO Dongsheng

3)LIU Yuzhi

(57) Abstract:

Disclosed are a water inlet valve for a toilet and a control method thereof: the water inlet valve structure comprises a valve body (1) a water inlet tube (10) a water stop device with a rubber water stop pad (3) a float canister device (13) a lifting lever device (11) and a water outlet tube (14). The water stop device also comprises a water stop seat (16) a tray (2) a needle valve (4) and a back pressure chamber. The water stop seat (16) is disposed in front of the water outlet tube (14) with an opening thereof fitting an end face of the rubber water stop pad (3). The tray (2) connected to the rubber water stop pad (3) is located on the side opposite to the water stop seat (16) with respect to the rubber water stop pad (3). The needle valve (4) is fastened to the tray (2) and located on the side opposite to the rubber water stop pad (3) with respect to the tray (2). The back pressure chamber is a chamber with a pressure relief opening (121) and accommodates the tray (2) and needle valve (4); the back pressure chamber has a needle valve hole (51) for encasing the needle valve (4). The water inlet valve for a toilet and control method thereof reduce noise and vibration during operation and are more user friendly.

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

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WATER INTAKE STRUCTURE FOR WATER STORING FLOAT

(51) International classification	:E03D1/33	(71)Name of Applicant:
(31) Priority Document No	:201020604231.0	1)LI Feiyu
(32) Priority Date	:11/11/2010	Address of Applicant :No.2 Xia fei East Road Haicang
(33) Name of priority country	:China	Xiamen Fujian 361022 China
(86) International Application No	:PCT/CN2011/081846	2)YAO Dongsheng
Filing Date	:07/11/2011	3)LIU Yuzhi
(87) International Publication No	:WO 2012/062188	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)LI Feiyu
Number	:NA	2)YAO Dongsheng
Filing Date	,11/1	3)LIU Yuzhi
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A water intake structure for a water storing float comprising a water inlet (4) a water outlet pipe (5) and a water storing float (6) having a water tank (7). The water inlet (4) is provided with a passage that passes through the water outlet pipe (5) said passage being disposed with a water storing cavity (1) and provided with a flow guiding hole (3) the flow guiding hole (3) connecting the water storing cavity (1) to the outer wall of the water outlet pipe (5). Because of the water storing cavity (1) a portion of the water coming from the water inlet (4) is collected within the water storing cavity (1) by means of gravity in a sufficient amount and then flows through the flow guiding hole (3) into the water tank (7) of the water storing float (6) in a sufficient amount. Hence under different water pressures weight can be effectively distributed to the float thereby enhancing the float stability.

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MASSAGE APPLIANCE FOR MASSAGING THE HUMAN OR ANIMAL BODY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:1004576 :25/11/2010 :France :PCT/FR2011/000619 :24/11/2011 :WO 2012/069716 :NA :NA	(71)Name of Applicant: 1)DAVKOR Address of Applicant:112 rue dEnghien F 95600 Eaubonne France (72)Name of Inventor: 1)KHORASSANI ZADEH David
	:NA :NA	
Filing Date	:NA	

(57) Abstract:

Massage appliance comprising a hollow body (10) delimiting an internal volume connected (7) to a suction source so as to form a suction chamber by bearing with its edge (2) on the skin said hollow body (10) enclosing at least one internal bearing element able to act by compression on the skin when the internal volume is at an underpressure; it has an actuator (11) for exerting on the skin by way of at least one internal bearing element a force F applied to said element(s) in a continuous manner at least one of the internal bearing elements thus acting on the skin with a localized continuous compression.

No. of Pages: 28 No. of Claims: 19

(21) Application No.4712/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE FOR WEED CONTROL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A01M21/04 :1018912.4 :09/11/2010 :U.K. :PCT/GB2011/052174 :08/11/2011 :WO 2012/063060 :NA :NA	(71)Name of Applicant: 1)WEEDING TECHNOLOGIES LIMITED Address of Applicant: 87 89 Park Lane Hornchurch Essex RM11 1BH U.K. (72)Name of Inventor: 1)HOBBS Richard 2)MOREHEN Jason 3)MYERS Malcolm
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An apparatus suitable for controlling vegetation which apparatus comprises a hot liquid reservoir (28) release means (38) connected to the hot liquid reservoir (28) and at least one nozzle (74) for applying a stream of foam that contains steam connected to the reservoir through the release means. The apparatus includes a heating means (34) to keep the liquid hot so the pressure is above atmospheric pressure. The liquid may be pumped by a pump (36) through the hot water reservoir (28) the water being heated on demand by heaters (34) within the reservoir (28). The apparatus is either propelled by or mounted on a vehicle; and during use of the apparatus to control vegetation the vehicle provides power (24) to the heating means.

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PORTABLE MULTI-PURPOSE AUDIENCE MEASUREMENT SYSTEM

(51) International classification	:G06Q 30/00	(71)Name of Applicant:
(31) Priority Document No	:60/511,859	1)NIELSEN MEDIA RESEARCH, INC.
(32) Priority Date	:17/10/2003	Address of Applicant :770 BROADWAY, NEW YORK,
(33) Name of priority country	:U.S.A.	NEW YORK 10003, UNITED STATES OF AMERICA. U.S.A.
(86) International Application No	:PCT/US2004/034251	(72)Name of Inventor:
Filing Date	:15/10/2004	1)WRIGHT, DAVID, HOWELL
(87) International Publication No	:WO 2005/038625	2)RAMASWAMY, ARUN
(61) Patent of Addition to Application	:NA	3)NELSON, DAN
Number	:NA	4)VILCHES, GLEN
Filing Date		
(62) Divisional to Application Number	:2379/DELNP/2006	
Filed on	:28/04/2006	

(57) Abstract:

As disclosed herein, media metering functionality may be imparted to a panelists device that was not previously capable of media metering. According to one example, a method of providing a communication device with media metering functionality includes asking a potential panelist to participate in a survey, receiving an affirmative response from the potential panelist, and providing metering functionality to a portable device of the potential panelist.

No. of Pages: 95 No. of Claims: 20

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PRODUCTION OF AROMATICS FROM RENEWABLE RESOURCES

(51) International classification: C10G3/00,C10G45/60,B01J23/08 (71) Name of Applicant: (31) Priority Document No :61/427160 1)SAPPHIRE ENERGY INC. (32) Priority Date :24/12/2010 Address of Applicant: 3115 Merryfield Row San Diego CA (33) Name of priority country :U.S.A. 92121 U.S.A. (86) International Application 2)UNIVERSITY OF TULSA :PCT/US2011/067444 (72)Name of Inventor: :27/12/2011 Filing Date 1)PRICE Geoffrev L. (87) International Publication 2)GOODALL Brian L. :WO 2012/088546 3)SAJKOWSKI Daniel J. (61) Patent of Addition to :NA **Application Number** :NA

(57) Abstract:

Number

Filing Date

Filing Date

(62) Divisional to Application

:NA

:NA

Renewable oils are converted to aromatics, by contact with a catalytically-active form of gallium, for use in the petro - chemical industry and/or for fuel blending components or additives. The renewable oil(s) feature high oxygen content, high H/C mole ratios, and high fatty acid or fatty acid ester content prior to heating and contact with the catalyst. The catalyst may be, for ex - ample, a gallium-doped version of one or more zeolite- alumina matrix catalysts with pore sizes having 10 oxygen atoms in the pore mouth, such as ZSM-5, ZSM-1 1, ZSM-23, MCM-70, SSZ-44, SSZ-58, SSZ-35, and ZSM-22. Aromatics -production from the re newable oils is enhanced at higher gallium-cation levels, with the preferred level being about 1.0 Ga/framework-Al. While various renewable oils, or bio-oils, may be used, algae oil has exhibited very high BTEX yields over the gallium cation catalyst, under conditions at or near 1 atm and approximately 400 degrees C.

No. of Pages: 86 No. of Claims: 54

(21) Application No.4856/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: IMPROVEMENTS IN BALANCING AND CONTROL VALVES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/12/2011 :WO 2012/076167 :NA :NA	(71)Name of Applicant: 1)TA HYDRONICS S.A. Address of Applicant: Route de Crassier 7 CH 1262 Eysins Switzerland (72)Name of Inventor: 1)VOLOVEC Peter
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A combined balancing and control valve suitable for use in a hydronic system comprises a chamber enclosing a plug (6 10 16 15) a seat (13) and an adjustment means (20 28) for adjusting the separation of the plug (6 10 16 15) and the seat (13) monitoring means for monitoring the rate of fluid flow across the separation. The adjustment means comprises a motion transformation means (20 27) operable by an actuator (28) to control the motion of the valve plug (6 10 16 15) whereby to provide a favourable change in conductance of the valve for a given change in the actuator position and the actuator (28) is calibrated in increments which correspond to incremental changes in the conductance.

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

(21) Application No.4597/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: OLIGOSACCHARIDE MIXTURE AND FOOD PRODUCT COMPRISING THIS MIXTURE ESPECIALLY INFANT FORMULA

(51) International :A23L1/09,A23L1/29,A61K31/702 classification

(31) Priority Document No :10192231.8 :23/11/2010

(32) Priority Date (33) Name of priority country :EPO

(86) International Application

:PCT/EP2011/070566 No

:21/11/2011 Filing Date

(87) International Publication

:WO 2012/069416

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

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

(57) Abstract:

(71)Name of Applicant:

1)NESTEC S.A.

Address of Applicant : Av Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)SPRENGER Norbert 2)NEESER Jean Richard

The invention discloses an oligosaccharide mixture comprising at least one N acetyl lactosamine at least one sialylated oligosaccharide and at least one fucosylated oligosaccharide. Food product especially infant formula comprising said oligosaccharide mixture.

No. of Pages: 27 No. of Claims: 14

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR GENERATING A CROSS PRODUCT MATRIX IN A SINGLE PASS THROUGH DATA USING SINGLE PASS LEVELIZATION

(51) International classification	:G06F17/16,G06F9/50	(71)Name of Applicant :
(31) Priority Document No	:12/972840	1)SAS INSTITUTE INC.
(32) Priority Date	:20/12/2010	Address of Applicant :SAS Campus Drive Cary NC 27513
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/064340	(72)Name of Inventor :
Filing Date	:12/12/2011	1)SCHABENBERGER Oliver
(87) International Publication No	:WO 2012/087629	2)GOODNIGHT James Howard
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods are provided for a data processing system having multiple executable threads that is configured to generate a cross product matrix in a single pass through data to be analyzed. An example system comprises memory for receiving the data to be analyzed a processor having a plurality of executable threads for executing code to analyze data and software code for generating a cross product matrix in a single pass through data to be analyzed. The software code includes threaded variable levelization code for generating a plurality of thread specific binary trees for a plurality of classification variables variable tree merge code for combining a plurality of the thread specific trees into a plurality of overall trees for the plurality of classification variables effect levelization code for generating a plurality of sub matrices of the cross product matrix using the plurality of the overall trees for the plurality of classification variables and cross product matrix generation code for generating the cross product matrix by storing and ordering the elements of the sub matrices in contiguous memory space.

No. of Pages: 51 No. of Claims: 48

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR OPTIMIZING A NETWORK PREFIX LIST SEARCH

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04J1/10 :12/951276 :22/11/2010 :U.S.A. :PCT/US2011/061864 :22/11/2011 :WO 2012/071423 :NA :NA	(71)Name of Applicant: 1)FORCE10 NETWORKS INC. Address of Applicant: 350 Holger Way San Jose California 95134 U.S.A. (72)Name of Inventor: 1)ZINJUWADIA Kalpesh 2)RAO Srikanth
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A packet network device includes a route processor that operates to maintain one or more forwarding tables and it includes one or more line cards that operate to process information received by the packet network device from the network and to forward the information to its correct destination. The route processor also operates to identify which incoming prefixes can be used to update the forwarding tables or to identify prefixes stored in the packet network device that can be redistributed from one network protocol to another network protocol running on the route processor. A table management function running on the route processor operates to identify the best match between an incoming prefix and information included in policy statement associated with both an ordered prefix list and a radix tree structure.

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

:NA

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ERGONOMIC USER INTERFACE FOR MOTORISED INGREDIENT CHAMBER

(51) International classification: A47J31/44,A47J31/36,A47J31/52 (71) Name of Applicant: (31) Priority Document No :10193238.2 1)NESTEC S.A. (32) Priority Date :01/12/2010 Address of Applicant : Av. Nestl 55 CH 1800 Vevey (33) Name of priority country :EPO Switzerland (86) International Application (72)Name of Inventor: :PCT/EP2011/071556 1)AGON Fabien Ludovic :01/12/2011 Filing Date (87) International Publication :WO 2012/072764 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA

(57) Abstract:

Filing Date

Number

A machine (1) for preparing a beverage comprising: an ingredient processing module (10) that has a first part (20) and a second part (30) movable relative to the first part from a position for processing therein an ingredient for forming a beverage to a transfer position for inserting said ingredient into the processing module and/or for evacuation thereof from the processing module; a motor means (50) for relatively moving the first and second parts between the processing position and the transfer position; a control unit (60) for controlling the motor means to relatively move the first and second parts; and a user interface (80) connected to the control unit for sensing a user request to relatively move the first and second parts by the controlled motor means. The user interface (80) is configured to detect a direction (81 82) and extent of displacement of an object (3) in a user input area (80). The control unit is configured to control the motor means so as to relatively move the first and second parts towards the transfer position or towards the processing position into a direction (35 36) and to an extent depending on said detected direction (81 82) and extent of displacement of said object.

No. of Pages: 24 No. of Claims: 15

(21) Application No.4603/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NEW TREATMENTS OF HEPATITIS C VIRUS INFECTION

(51) International (71)Name of Applicant: :A61K31/7056,A61K38/13,A61K38/21 1)NOVARTIS AG classification (31) Priority Document Address of Applicant :Lichtstrasse 35 CH 4056 Basel :61/418137 Switzerland (72)Name of Inventor: (32) Priority Date :30/11/2010 (33) Name of priority 1)AVILA Claudio :U.S.A. country (86) International :PCT/EP2011/071330 Application No :29/11/2011 Filing Date (87) International :WO 2012/072655 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA

(57) Abstract:

Filing Date

The invention concerns the use of cyclophilin inhibitors in the treatment of Hepatitis C virus infection.

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

(21) Application No.4720/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: THERMAL SEPARATING DEVICE

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:PCT/EP2011/072114 :07/12/2011	(71)Name of Applicant: 1)PHOENIX CONTACT GMBH & CO. KG Address of Applicant: Flachsmarktstrae 8 32825 Blomberg Germany (72)Name of Inventor: 1)STRIEWE Martin 2)DEPPING Christian 3)BEHNKE Sven
(87) International Publication No	:WO 2012/076613	3)BEHNKE Sven

(61) Patent of Addition to Application Number :NA Filing Date :NA

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

(57) Abstract:

The subject matter of the invention is a thermal separating device (1) with a first conductor portion (L1) and a second conductor portion (L2) wherein the first conductor portion (L1) is guided at least in certain portions in a surrounding insulating body (4 5) wherein the first conductor portion (L1) and the second conductor portion (L2) are connected to each other at a breakable contact point (3) wherein the first conductor portion (L1) is subjected to a force such that when the contact point is broken the first conductor portion is shifted in the surrounding insulating body (4 5).

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

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: OSCILLATORY COMPACTION METHOD

(51) International classification	:E01C19/26,E02D3/02	(71)Name of Applicant:
(31) Priority Document No	:12/968876	1)CATERPILLAR PAVING PRODUCTS INC.
(32) Priority Date	:15/12/2010	Address of Applicant :9401 85th Avenue North Brooklyn Park
(33) Name of priority country	:U.S.A.	MN 55445 2199 U.S.A.
(86) International Application No	:PCT/US2011/064514	(72)Name of Inventor:
Filing Date	:13/12/2011	1)NORTON Mark L.
(87) International Publication No	:WO 2012/082666	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for compacting a surface (37) of granular materials is disclosed. The method is applicable to wheeled compaction equipment such as pneumatic tire compactors (10) drum (35) type compactors (10) and asphalt compactors (10). The propel system includes a controller (65) programmed to send a first at least substantially constant propel command that propels the compaction equipment in a forward direction. The controller (65) then changes the speed of the compaction equipment by providing a second varying propel command that may increase or decrease the speed resulting from the first command. As a result the speed of the compaction equipment oscillates and the compaction process is improved.

No. of Pages: 20 No. of Claims: 15

(21) Application No.4723/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: PISTON WITH CYLINDRICAL WALL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/12/2011 :WO 2012/088367 :NA :NA :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)GLADDEN John R. 2)KILKENNY Jonathan 3)BATTA Christopher
Filing Date	:NA :NA	

(57) Abstract:

The piston (100) has a crown (101) forming a piston bowl (102). The piston bowl (102) has a center portion (106) with a convex spherical shape a floor (108) having a convex frusto conical shape adjacent the center portion and a base (110) having a concave toroidal shape surrounding the floor. The piston bowl (102) also has a cylindrical wall (112) extending tangentially from the base (110) that surrounds the center portion (106). The piston (100) has a top surface (114) perpendicular to the cylindrical wall (112) along a rim (115) of the piston bowl (102). A ratio between the piston bowl depth and the cylindrical wall length is less than 4 and a ratio between the piston bowl diameter and the piston bowl depth is 4.7.

No. of Pages: 13 No. of Claims: 10

(19) INDIA

(22) Date of filing of Application :31/05/2013

(21) Application No.4868/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: CHARGING DEVICE FOR MECHANICAL MULTI LEVEL PARKING FACILITY AND MECHANICAL MULTI LEVEL PARKING FACILITY PROVIDED THEREWITH

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	EE04H6/18,E04H6/42 :2011119524 :27/05/2011 :Japan :PCT/JP2012/062813 :18/05/2012 :WO 2012/165178 :NA :NA	(71)Name of Applicant: 1)MITSUBISHI HEAVY INDUSTRIES PARKING CO. LTD. Address of Applicant: 3 1 Minatomirai 3 chome Nishi ku Yokohama shi Kanagawa 2208401 Japan (72)Name of Inventor: 1)NODA Seiichi 2)SAISHO Masaaki 3)FUJIKAWA Hiroyasu
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(57) Abstract:

Provided is a charging device for a mechanical multi level parking facility. A power reception device (23) is provided on a pallet (15) and a power transmission device (24) is provided on a vehicle storage rack (14) (parking structure). Said power reception device (23) is a single unit comprising the following: a power reception unit (26) to which power is supplied by the power transmission device (24); and a socket part (27) to which a charging cable for an electric vehicle is connected. The power reception unit (26) is placed on the top surface of a curb part (18) of the pallet (15) and the socket part (27) is placed on top of said power reception unit. The power reception unit (26) is provided with the following: a contact housing (31) that has an opening (33) that opens towards the widthwise outside of the pallet (15); and a reception side contact (41) located deeper in said contact housing (31) than the aforementioned opening (33). Said reception side contact (41) contacts a supply side contact (73) on the power transmission device (24) and receives power thereby.

No. of Pages: 43 No. of Claims: 9

(22) Date of filing of Application :28/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : DEVICE FOR SUPPLYING A REDUCING AGENT TO AN EXHAUST GAS AFTERTREATMENT SYSTEM

(51) International classification	:F01N3/20	(71)Name of Applicant:
(31) Priority Document No	:10 2010 062 333.4	1)ROBERT BOSCH GMBH
(32) Priority Date	:02/12/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/068386	(72)Name of Inventor:
Filing Date	:21/10/2011	1)GOTTWALD Frank
(87) International Publication No	:WO 2012/072334	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		'

(57) Abstract:

The invention relates to a device (10) for supplying to an exhaust gas aftertreatment system a reducing agent (42) in particular a urea water solution for the reduction of nitrogen oxides in the exhaust gas flow of a diesel engine having a tank (40) for the reducing agent (42) and having a delivery module (14) for delivering the reducing agent (42) out of the tank (40) via an in particular electrically heatable suction line (16). According to the invention a) the suction line (16) which runs outside the tank (40) is connected to a pump sump (12) situated in the region of the tank base (44) b) an in particular electrically operated pump sump heater (30) is arranged in the region of the pump sump (12) c) at least one in particular electrically operated heating rod (36) extends into the tank (40) and d) at least one fill level sensor (18) runs outside the tank (40). The pump sump heater (30) the heated suction line (16) the heating rod (36) and an optional elastic compensating element (26) in the region of the pump sump (12) permit a substantially temperature independent supply of the reducing agent (42) to an exhaust gas aftertreatment system of a diesel engine. The pump sump (12) which is mounted on the bottom of the tank (40) furthermore makes it possible for the reducing agent (42) which must be available in the exact dose for correct execution of the SCR method to be supplied virtually completely independent of position and nevertheless uniformly to the exhaust gas aftertreatment system.

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

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DRIVING DEVICE FOR A VEHICLE WINDOW WIPER SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60S1/16 :10 2010 062 986.3 :14/12/2010 :Germany :PCT/EP2011/070188 :16/11/2011 :WO 2012/079894 :NA :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)REITH Michael 2)ALBRECHT Gerard 3)LIPPS Verena 4)BOHN Roland 5)Sterns Orlando
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(57) Abstract:

A driving device (1) for a vehicle window wiper system has a gearing connection (3) in which the gear elements (12 13 14) which are drive connected via the connector (22) of a crank drive (15) and the connector (22) with a stop means limiting the angle of rotation of the output shaft (5) which is driven in an oscillating manner each lie in a plane and are arranged in said mutually adjacent planes so as to be at least partially supported with respect to the end sides of the gear housing (2).

No. of Pages: 13 No. of Claims: 10

(21) Application No.4873/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: HYDRAULIC DEVICE IN PARTICULAR LOW PRESSURE ACCUMULATOR WITH A CLOSURE **ELEMENT**

(51) International classification: B29C65/08,B23K20/10,B60T8/34 (71)Name of Applicant: (31) Priority Document No :10 2010 063 318.6 (32) Priority Date :17/12/2010 (33) Name of priority country :Germany (86) International Application :PCT/EP2011/068163

:18/10/2011 Filing Date

(87) International Publication :WO 2012/079807 No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)BERGER Franz 2)WEH Andreas 3)FISCHER Holger 4)LUTZ Bernd

(57) Abstract:

A hydraulic device comprising a housing (10) and a closure element (7) arranged thereon is characterized according to the invention in that the closure element (7) is connected to the housing (10) by means of torsional welding.

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

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CONTROL DEVICE AND METHOD FOR PRODUCING A CONTROL DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:102010063151.5 :15/12/2010 :Germany :PCT/EP2011/069339 :03/11/2011 :WO 2012/079837 :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)KOEHN Dietrich 2)HENNEL Udo
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a control device (1) with a printed circuit board (15; 15a) arranged within a housing (10) wherein the housing (10) consists of at least two housing parts (11 12) which are connected to one another and with holding sections (25) of the printed circuit board (15; 15a) which interact with clamping sections (22 23) of the housing parts (11 12). The invention provides that a damping medium (30) which is viscous in the fitted state and is elastic after curing and which fixes the printed circuit board (15; 15a) in the housing (10) is arranged between the holding sections (25) of the printed circuit board (15; 15a) and the clamping sections (22 23) interacting therewith of the housing parts (11 12) at least on one side of the printed circuit board (15; 15a).

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

(21) Application No.4747/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ORAL CARE IMPLEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)XI Wenjin 2)LIU Yu 3)ZHOU Jianrong
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(57) Abstract:

An oral care implement such as a toothbrush (100) comprises a handle (110) and a head (120). A plurality of tooth cleaning elements (130) may be provided on a front surface (121) of the head (120). The head (120) is formed by a plurality of spaced apart segments (140 145) made of a rigid material. The segments (140 145) are isolated from one another by channels (157 159B) containing an elastomeric material (146) that flexibly connects the segments (140 145) together. The oral care implement further comprises an elastomeric soft tissue cleaner (200) located on a rear surface (122) of the head (120) opposite the front surface (121) of the head (120). Each of the segments (140 145) comprises a protuberance (163 169) made of the rigid material that extends through the elastomeric soft tissue cleaner (200) and is exposed therethrough.

No. of Pages: 42 No. of Claims: 27

(21) Application No.4748/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ORAL CARE COMPOSITIONS

(51) International classification :A61K8/22,A61K8/81,A61K8/86 (71)Name of Applicant:

:02/06/2011

(31) Priority Document No :PCT/US2010/061711

(32) Priority Date :22/12/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/038874

No Filing Date

(87) International Publication No:WO 2012/102750

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) COLGATE PALMOLIVE COMPANY

Address of Applicant :300 Park Avenue New York New York

10022 U.S.A.

(72)Name of Inventor: 1)CHOPRA Suman

2)MANDADI Prakasarao

3)PORTER Venda 4)ONTUMI Dennis

(57) Abstract:

Oral care compositions comprising a crosslinked polyvinylpyrrolidone complexed with hydrogen peroxide together with an ethylene oxide propylene oxide block copolymer. Some embodiments further comprise a calcium abrasive e.g. calcium pyrophosphate or calcium carbonate and some may have less than 3% water.

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

(21) Application No.4749/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ORAL CARE IMPLEMENT

	:A46B7/06,A46B9/04,A61C17/00	
(31) Priority Document No	:NA	1)COLGATE PALMOLIVE COMPANY
(32) Priority Date	:NA	Address of Applicant :300 Park Avenue New York New York
(33) Name of priority country	:NA	10022 U.S.A.
(86) International Application No Filing Date	:PCT/CN2010/002109 :21/12/2010	(72)Name of Inventor : 1)XI Wenjin 2)LIU Yu
(87) International Publication No	:WO 2012/083489	3)ZHOU Jianrong
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An oral care implement comprises a handle (110) and a head (120). A plurality of tooth cleaning elements (130) may extend from a front surface (121) of the head (110) which is formed by a plurality of spaced apart segments formed of a rigid material wherein the plurality of segments include a cruciform segment (140) integrally formed with and extending from a distal end of the handle (110) a first pair of segments (141 145) located on opposite sides of a longitudinal portion (140A) of the cruciform segment (140) and a second pair of segments (142 144) located on opposite sides of the longitudinal portion (140 A) of the cruciform segment (140) with the first pair of segments (141 145) being located on an opposite side of a transverse portion (140B) of the cruciform segment (140) from the second pair of segments (142 144). The segments of the first and second pairs are flexibly connected to the cruciform segment (140).

No. of Pages: 42 No. of Claims: 31

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM FOR MONITORING WATER QUALITY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority	:G08C17/02,G01N27/06,H04W84/18 :NA :NA	(71)Name of Applicant: 1)LAITINEN VELLONEN Sakari Address of Applicant: Kuokkasenmutka 10 FI 40520 Jyvskyl Finland (72)Name of Inventor:
country	:NA	1)LAITINEN VELLONEN Sakari
(86) International Application No Filing Date	:PCT/FI2010/050952 :23/11/2010	
(87) International Publication No	:WO 2012/069688	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a system for monitoring water quality which system (10) includes one or several measurement units (12) placed at measurement locations and data transfer means (20) each of which measurement unit (12) contains a measurement sensor comprising electrodes (22) made from several different materials. Each measuring unit (12) includes a transmitter for wireless data transfer and the system (10) includes a local base station (14) located in the vicinity the measuring unit (12) for receiving and forwarding the measurement data collected by the measuring unit (12) which local base station (14) is arranged permanently in a telecommunications network and is permanently electrified and in which system (10) each measuring unit (12) has its own power supply and is arranged to measure changes in the potentials between the electrodes (22).

No. of Pages: 38 No. of Claims: 13

(21) Application No.4739/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ROLLED STEEL BAR OR WIRE FOR HOT FORGING

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:2010265760	1)NIPPON STEEL & SUMITOMO METAL
(32) Priority Date	:29/11/2010	CORPORATION
(33) Name of priority country	:Japan	Address of Applicant :6 1 Marunouchi 2 chome Chiyoda ku
(86) International Application No	:PCT/JP2011/077407	Tokyo 1008071 Japan
Filing Date	:28/11/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/073896	1)DAITOH Yoshihiro
(61) Patent of Addition to Application	:NA	2)IMATAKA Hideki
Number		3)HORIMOTO Masayuki
Filing Date	:NA	4)SHIGA Akira
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A rolled steel bar or wire for hot forging capable of achieving at a high level both bending/surface fatigue strength and machinability of components is provided. The rolled steel bar or wire for hot forging comprises in % by mass $0.1\,0.25\%$ C $0.01\,0.10\%$ Si $0.4\,1.0\%$ Mn $0.003\,0.05\%$ S $1.60\,2.00\%$ Cr $0.10\,\%$ max. (including 0%) Mo $0.025\,0.05\%$ Al and $0.010\,0.025\%$ N. In formula (1) fin1 fulfills 1.82fin12.10. P Ti and O in impurities are contained in the amounts of P at 0.025% max Ti at 0.003% max and O (oxygen) at 0.002% max. When 15 fields of view randomly selected in a cross section so that each field of view has an area of $62\,500\,\mu\text{m}$ are examined the maximum/minimum average ferrite particle diameter is 2.0 or less. fin1=Cr+2—Mo $\frac{1}{3}$ (1).

No. of Pages: 42 No. of Claims: 3

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BLOOD COLLECTION DEVICES CONTAINING BLOOD STABILIZATION AGENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B5/15,A61B5/157 :61/419063 :02/12/2010 :U.S.A. :PCT/US2011/063086 :02/12/2011 :WO 2012/075407 :NA :NA :NA	(71)Name of Applicant: 1)BECTON DICKINSON AND COMPANY Address of Applicant: 1 Becton Drive Franklin Lakes NJ 07417 U.S.A. (72)Name of Inventor: 1)GELFAND Craig A. 2)MARCHIARULLO Daniel 3)MOSKOWITZ Keith
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(57) Abstract:

Disclosed are devices (10) for collecting and stabilizing blood that contain a blood stabilization agent which includes variegin or an analog thereof a polysulfated disaccharide or a combination thereof each in an amount effective to stabilize blood. Methods of making and using the devices and kits containing the devices are also provided.

No. of Pages: 64 No. of Claims: 32

(21) Application No.4741/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: COMPOSITION AND METHOD FOR TREATING SKIN CONDITIONS

(51) International :A61K31/44,A61K31/415,A61K31/07 classification

(31) Priority Document No: 61/410110 (32) Priority Date :04/11/2010

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

country

(86) International :PCT/US2011/059206 Application No

:03/11/2011 Filing Date

(87) International

:WO 2012/061630 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to

:NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)442 VENTURES LLC

Address of Applicant : Suite 1800 400 West Market Street

Louisville Kentucky 40202 U.S.A.

(72)Name of Inventor: 1)JACKSON Mark J.

(57) Abstract:

Compositions and methods for treatment of conditions affecting skin and/or mucosal surfaces of a subject that make use of an imidazoquinoline compound and a retinoid agent are described.

No. of Pages: 57 No. of Claims: 78

(21) Application No.4880/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD OF OPERATION OF FERMENTATION OF CARBON MONOXIDE AND HYDROGEN CONTAINING GASEOUS SUBSTRATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/458899 :03/12/2010 :U.S.A.	(71)Name of Applicant: 1)INEOS BIO SA Address of Applicant: Avenue des Uttins 3 CH 1180 Rolle Switzerland (72)Name of Inventor: 1)SENARATNE Ryan 2)SCOTT Syrona 3)KO Ching Whan
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(57) Abstract:

A method of gaseous substrate fermentation comprising: adding gaseous substrate comprising carbon monoxide (CO) and hydrogen (H) into an aqueous medium in a bioreactor; said method comprising measuring conversion of CO; measuring conversion of H; increasing flow of gaseous substrate by a preselected flow factor; wherein agitation comprises greater than or equal to target agitation rate.

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

(19) INDIA

(22) Date of filing of Application :31/05/2013

(21) Application No.4881/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: DRILLSTRING VALVE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E21B34/14 :11195057.2 :21/12/2011 :EPO :PCT/EP2012/075862 :17/12/2012 :WO 2013/092532 :NA :NA	(71)Name of Applicant: 1)SCHOELLER BLECKMANN OILFIELD EQUIPMENT AG Address of Applicant: Hauptstr. 2 A 2630 Ternitz Austria (72)Name of Inventor: 1)LEE Paul Bernard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

It is described an embodiment of adrillstring valve (100) comprising an inlet mountable to a drillstring an outlet and a passageway (108) extending between the inlet and the outlet in a predetermined operating condition. In accordance with an embodiment the drillstring valve (100) comprises a stop element (110) adapted for receiving an valve element (112) wherein the stop element comprises at least one protrusion (114) extending into a passageway portion (116) of the passageway (108) to thereby retain the valve element (112). According to an embodiment the at least one protrusion (114) is spaced from an inlet edge (126) having a continuously reduced diameter in downstream direction (128). According to a further embodiment the stop element (110) comprises two or more protrusions (114) which are spaced in circumferential direction (118) of the passageway portion (116) into which the at least two protrusions (114) extend.

No. of Pages: 43 No. of Claims: 10

(21) Application No.4882/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: BENZAMIDE DERIVATIVE WITH ANTICANCER ACTIVITY AND PREPARATION METHOD AND USE THEREOF

(51) International :C07C233/65,C07C233/92,C07C231/02 classification

(31) Priority Document :201010532658.9

(32) Priority Date :05/11/2010

(33) Name of priority

:China country (86) International

Application No

:PCT/CN2011/001854 :03/11/2011

Filing Date

(87) International :WO 2012/058866 **Publication No**

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)ZHEJIANG HISUN PHARMACEUTICAL CO. LTD.

Address of Applicant : No.46 Waisha Road Jiaojiang District Taizhou Zhejiang 318000 China

(72)Name of Inventor:

1)BAI Hua

2)ZHAO Xuyang

3)GONG Yongxiang

4)ZHONG Jinqing

5)ZHU Qifeng

6)LIU Xiaoyu

7)LIU Lifei

8)ZHOU Oixian

(57) Abstract:

Provided are a benzamide derivative as shown in formula (I) or a pharmaceutically acceptable salt thereof and the preparation method and use thereof for preparing a medicine for treating cancer wherein the group definitions of formula (I) are as set out in the description.

No. of Pages: 50 No. of Claims: 24

(22) Date of filing of Application :21/02/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: PHOTO-BIOREACTOR FOR CONTINUOUS PRODUCT EXTRACTION FROM CARBOHYDRATE SECRETING MICROORGANISMS AND SIMULTANEOUS NUTRIENT REPLENISHMENT.

(51) International classification	:A01H	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAIRAM MADURI
(87) International Publication No	:NA	2)MANU MAYANK YAMDAGNI
(61) Patent of Addition to Application Number	:NA	3)DOLLY
Filing Date	:NA	4)PREETI RATHORE
(62) Divisional to Application Number	:NA	5)SHIVAM BHATTACHARYA
Filing Date	:NA	6)AMRISH CHANDRA

(57) Abstract:

The present invention provides the photo bioreactor that is capable of extracting carbohydrate secreted by photosynthetic microorganisms grown in a liquid culture media under conditions that promote secretion of carbohydrates. The reactor developed has an advantage of being continuous in product extraction and thus expandable to multiple units attached to one another for accelerated production. The present invention uses a permeable membrane for the continuous extraction of secreted products and simultaneous replenishment of media constituents in a continuous manner. The design of the reactor is aimed at collection of the secreted product for further use i.e. they can be converted into a desirable and a commercially advantageous product.

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

(21) Application No.4771/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: DEVICE FOR AUTOMATIC CLOSURE OF CONTROL VALVES IN SEPARABLE CONNECTION UNITS FOR FLEXIBLE PIPES.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16L55/10 :MI2010A002247 :06/12/2010 :Italy :PCT/EP2011/068633 :25/10/2011 :WO 2012/076240 :NA :NA :NA	(71)Name of Applicant: 1)MIB ITALIANA S.p.A. Address of Applicant: Via Garibaldi 6 I 35020 Casalserugo Pd Italy (72)Name of Inventor: 1)BORMIOLI Lorenzo
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(57) Abstract:

A device for automatic closure of control valves in separable connection units for flexible pipes is described. The device comprises for every sector (6 7) of the control valve (5) upstream of the direction of the fluid flow a slidable body (13) operating on said valve sector (6 7) to cause closing and opening rotation thereof elastic means (17) housed within a first chamber (14) to activate said sliding body (13) in a direction suitable to cause the closing rotation of said valve sector (6 7) a braking fluid housed in a second chamber (18) to brake the movement of said sliding body (13) in the closing direction of said valve sector (6 7) and fluid dynamic communication means (19 20 21) between said chambers (14 18) to permit the controlled transfer of said braking fluid from the second chamber (18) to the first chamber (14) during the movement of said sliding body (14) in the direction of closure of said valve sector (6 7). The aforesaid fluid dynamic communication means (19 20 21) comprise a passage duct (19) with an enlarged part (20) and a cartridge inserted in said enlarged part (20) having a grooved part (23) with external grooves (24) of variable length.

No. of Pages: 16 No. of Claims: 2

(21) Application No.4772/DELNP/2013 A

Address of Applicant: Via Garibaldi 6 I 35020 Casalserugo

(71)Name of Applicant:

(72)Name of Inventor:

1)BORMIOLI Lorenzo

PD Italy

1)MIB ITALIANA S.p.A.

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: CONTROL VALVE FOR SEPARABLE CONNECTION UNIT FOR FLEXIBLE PIPES

(51) International :F16L55/10,F16K1/18,F16L23/036 classification

(31) Priority Document No :MI2010A002248 (32) Priority Date :06/12/2010

(33) Name of priority country :Italy

(86) International Application :PCT/EP2011/068683

:25/10/2011 Filing Date

(87) International Publication

No (61) Patent of Addition to :NA

Application Number :NA Filing Date

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

:WO 2012/076242

(57) Abstract:

A control valve (5, 5) for connection unit for flexible pipes, comprising a plurality of sectors, slices or petals (6-7, 6-7), rotatable formed as between a complete opening position and a complete closing position is de scribed. The aforesaid plurality of rotatable sectors (6-7, 6-7) comprises at least two series of rotating sectors of differ ent shape and dimensions disposed in an alternate way along the circumference of the connection unit. The smaller sectors (6, 6) can be controlled in such a way to close slower than the bigger ones (7, 7). The shape and dimen sions of the rotational sectors (6-7, 6-7) are such to con sent a partial overlapping of the borders of the adjacent sec tors (6-7, 6-7) for a better tightness between the sectors themselves.

No. of Pages: 24 No. of Claims: 4

(21) Application No.4900/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: NOVEL COMPOUNDS AS RECEPTOR MODULATORS WITH THERAPEUTIC UTILITY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C07F9/06 :61/416081 :22/11/2010 :U.S.A. :PCT/US2011/061471 :18/11/2011 :WO 2012/071278 :NA :NA	(71)Name of Applicant: 1)ALLERGAN INC. Address of Applicant: 2525 Dupont Drive Irvine California 92886 U.S.A. (72)Name of Inventor: 1)NGUYEN Phong X. 2)HEIDELBAUGH Todd M.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to novel derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

No. of Pages: 66 No. of Claims: 17

(21) Application No.4751/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: RICE PLANTING MACHINE

(51) International classification :A01C11/02,F02D29/02 (71)Name of Applicant : (31) Priority Document No 1)YANMAR CO. LTD. :2010244754 (32) Priority Date :29/10/2010 Address of Applicant :1 9 Tsurunocho Kita ku Osaka shi (33) Name of priority country Osaka 5308311 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2011/074969 Filing Date 1)HIKIDA Yasutaka :28/10/2011 (87) International Publication No :WO 2012/057334 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A rice planting machine comprises: an actuator for changing the speed of the engine and/or the transmission ratio of the HST; a speed change means serving as the operation device for changing the amount of drive of the actuator; a control device connected to both the actuator and the speed change means and changing the speed of the vehicle by changing either the speed of the engine and/or the transmission ratio of the HST by means of the actuator on the basis of the amount of operation of the speed change means; and a maximum speed setting means connected to the control device and serving as the operation device for changing the maximum speed which is the speed of the vehicle when the speed change means is operated the maximum amount.

No. of Pages: 90 No. of Claims: 7

(21) Application No.4752/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: POLYMERIC MATERIALS

(51) International classification	:C08L67/00,C08J3/205	(71)Name of Applicant:
(31) Priority Document No	:61/425550	1)COLORMATRIX HOLDINGS INC.
(32) Priority Date	:21/12/2010	Address of Applicant : Corporation Service Company 2711
(33) Name of priority country	:U.S.A.	Centerville Road Suite 400 Wilmington Delaware 19808 U.S.A.
(86) International Application No	:PCT/GB2011/052519	2)LEEMING James
Filing Date	:19/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/085550	1)GOULBOURN John
(61) Patent of Addition to Application	:NA	2)OVEREND Andrew
Number	:NA	
Filing Date	.INA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of introducing an additive into a polymeric material comprises using a liquid formulation comprising an additive for example a colourant and a vehicle comprising an aliphatic or aromatic tri or di carboxylic acid covalently linked by ester bonds to two or more chains. The method involves contacting the liquid formulation with the polymeric material in a melt processing apparatus. The cavity transfer mixer may be used in the process. A fibre is suitably subsequently produced.

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

(21) Application No.4753/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :28/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : PERSONAL CARE COMPOSITIONS INCLUDING AQUEOUS COMPOSITIONS OF VISCOELASTIC SURFACTANTS AND HYDROPHOBICALLY MODIFIED POLYMERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C09K8/60,C09K8/88,A01N25/00 :61/423710 :16/12/2010 :U.S.A.	(71)Name of Applicant: 1)AKZO NOBEL CHEMICALS INTERNATIONAL B.V. Address of Applicant: Stationsstraat 77 NL 3811 MH Amersfoort Netherlands
(86) International Application No Filing Date (87) International Publication No	:PCT/EP2011/072863 :15/12/2011 :WO 2012/080383	 (72)Name of Inventor: 1)YUAN HUFFMAN Qingwen Wendy 2)RODRIGUES Klin A. 3)ZHOU Jian 4)HOLT Stuart Peter Robert
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	5)BAND Elliot Isaac 6)VONA Jr. Samuel Anthony
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Personal care compositions methods for making and uses thereof include an aqueous viscoelastic composition and a personal care active ingredient. The viscoelastic composition includes at least one surfactant and at least one hydrophobically modified polymers with low molecular weights.

No. of Pages: 68 No. of Claims: 29

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PRODUCTION METHOD FOR 4 CARBONYL OXYQUINOLINE DERIVATIVE

(51) International classification :C07D215/22,C07B61/00 (31) Priority Document No :2010258856

(32) Priority Date :19/11/2010 (33) Name of priority country :Japan

(86) International Application No :PCT/JP2011/076370

Filing Date :16/11/2011

(87) International Publication No :WO 2012/067136

(61) 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 KAYAKU CO. LTD.

Address of Applicant :11 2 Fujimi 1 chome Chiyoda ku Tokyo

1028172 Japan

2)MEIJI SEIKA PHARMA CO. LTD.

(72)Name of Inventor:
1)SHIMANO Shizuo
2)MORIKAWA Akinori
3)YAMAMOTO Kenichi

4)HOTTA Hiroki

5)YAMAMOTO Kazumi 6)NAKANISHI Nozomu 7)MINOWA Nobuto

(57) Abstract:

The purpose of the present invention is to provide a production method for a 4 carbonyl oxyquinoline derivative that is useful as a pesticide or a fungicide for agriculture and horticulture. Provided is a production method for a 4 carbonyl oxyquinoline derivative represented by general formula (1) wherein a quinolone derivative and a halogen compound or an acid anhydride are reacted with each other in the presence of a phase transfer catalyst and a base.

No. of Pages: 35 No. of Claims: 4

(21) Application No.4755/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (62) Divisional to Application Number Filing Date (51) International Sassification (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (63) International Sassification Number Filing Date (64) Divisional to Application Number Filing Date (65) Divisional to Sassification (65) International Sassification Number Sassification Number Filing Date (66) Divisional to Sassification Number Filing Date (67) International Sassification Number Sassification Number Sassification Number Filing Date (68) International Sassification Number Sassifica	
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(57) Abstract:

Provided are protected antimicrobial compounds which are useful for controlling microorganisms in aqueous or water containing systems such as oil or gas field fluids at elevated temperature. The antimicrobial compounds are of the formula (I): wherein R R; R X and Y are as defined herein.

No. of Pages: 16 No. of Claims: 8

(21) Application No.4898/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CONDUCTOR SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date	:B60L5/40,B60M1/04,B60M1/08 :SE10010734 :03/11/2010	(71)Name of Applicant: 1)WESTERLUND Boh Address of Applicant: Vderhlloma 1 S 91342 Obbola Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor:
(86) International Application No Filing Date	:PCT/SE2012/000001 :02/01/2012	1)WESTERLUND Boh
(87) International Publication No	:WO 2012/118422	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present patent application relates to a conductor system (1) for the transfer of electrical energy to at least one electrically powered vehicle (2) along at least one sub section of the vehicle s route. The system (1) includes at least one along the vehicle s route securely mounted current conductor (4) of arbitrary length intended to be temporarily connected together with at least one current collector assembly (3) attached to the vehicle (2). The present system s unique feature is that an electrically powered or electrically assisted vehicle (2) when moving may be connected together with a current conductor that is protected from weather and human and animal contact so that the vehicle s battery system may be charged whether or not the vehicle is in movement or at a stop.

No. of Pages: 27 No. of Claims: 15

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BEVERAGE MACHINE HAVING A CAPSULE PASSAGE WITH A GATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A47J31/36 :10193237.4 :01/12/2010 :EPO :PCT/EP2011/071559 :01/12/2011 :WO 2012/072766 :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)KRISTLBAUER J ¹ / ₄ rgen
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A machine (1) for preparing a beverage includes: an ingredient processing module (10) that comprises a first part (20) and a second part (30) movable relative to the first part from a position for housing therein an ingredient (2) to a transfer position for inserting such ingredient into the processing module and/or for evacuation thereof from the processing module; a passage (95 96) for inserting such ingredient into the processing module and/or evacuating such ingredient therefrom; and a gate (90) driven by the movable second part and associated with the passage and movable between a position opening the passage and a position closing the passage. The gate (90) is connected to the movable second part (30) by an intermediate mechanical conversion mechanism (37 91 92) for converting movements of the movable second part into movements of the gate.

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

(21) Application No.4862/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: DAMPER TUBE REINFORCEMENT SLEEVE

(51) International classification :F16F9/32,F16F9/34,B60G15/06 (71)Name of Applicant :

(31) Priority Document No :13/007718 (32) Priority Date :17/01/2011 (33) Name of priority country :U.S.A.

(86) International Application No:PCT/US2011/065115

Filing Date :15/12/2011 (87) International Publication No: WO 2012/099663

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)TENNECO AUTOMOTIVE OPERATING COMPANY

INC.

Address of Applicant :500 North Field Drive Lake Forest

Illinois 60045 U.S.A. (72)Name of Inventor: 1)KEIL Daniel T.

2)SCHALLER Ben 3)CONRAD Christopher 4)SUBRAMANIAM Laxman

(57) Abstract:

A strut assembly includes an upper mount assembly a shock absorber and a knuckle. The upper mount assembly is attached to a piston rod which is a part of the shock absorber. The knuckle is attached to an outer tube of the shock absorber which can be a reserve tube of a dual tube shock absorber or a pressure tube of a single tube shock absorber. A reinforcement member increases the strength of the outer tube in the area that interfaces with the knuckle.

No. of Pages: 25 No. of Claims: 17

(21) Application No.4863/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SIMPLE USER INTERFACE FOR A BEVERAGE MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A47J31/44 :10193235.8 :01/12/2010 :EPO :PCT/EP2011/071562 :01/12/2011 :WO 2012/072767 :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)MAISCH Rainer
- 1,000000		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A machine (1) for preparing a beverage comprises: an ingredient processing module (10) for processing at least one ingredient in particular an ingredient supplied within a capsule (2) into the module; a sensing arrangement (70 70) for sensing a user request by a user actuation of the sensing arrangement; and a control unit (60) containing different control programs for controlling the ingredient processing module executable on corresponding user requests. The sensing arrangement (70 70) and the control unit (60) are so arranged that each of said different user requestable control programs is executed on a generally identical user actuation of the sensing arrangement (70 70).

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

(21) Application No.4864/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LOW INERTIA THERMAL SENSOR IN A BEVERAGE MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01K1/18 :10193426.3 :02/12/2010 :EPO :PCT/EP2011/071474 :01/12/2011 :WO 2012/072724 :NA :NA :NA	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)ETTER Stefan 2)ZIEGLER Martin 3)KR,,UCHI Frank
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(57) Abstract:

The invention pertains generally to a thermal sensor and a controlled heating system in a beverage preparation machine. In particular the invention relates to a thermal sensor comprising: connectors; an electrical coupling circuit; a sensing element having at least one measurable electrical quantity varying with the temperature of the sensing element; The sensing element is electrically coupled with the connectors through the electrical coupling circuit so as to allow measuring said electrical quantity at the level of the connectors. The sensor comprises a support having a first surface and a second surface thermally coupled and electrically isolated. The sensing element is thermally coupled with the first surface. The second surface is adapted to be thermally coupled with an area which temperature is to be measured.

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VIRAL PROMOTER TRUNCATIONS THEREOF AND METHODS OF USE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N15/82,A01H5/00 :61/425884 :22/12/2010 :U.S.A. :PCT/US2011/065861 :19/12/2011 :WO 2012/087940 :NA :NA :NA	(71)Name of Applicant: 1)PIONEER HI BRED INTERNATIONAL INC. Address of Applicant: 7100 N.W. 62nd Avenue Johnston Iowa 50131 1014 U.S.A. 2)E.I. DUPONT DE NEMOURS & COMPANY (72)Name of Inventor: 1)DIEHN Scott 2)LU Albert Laurence 3)SIMMONS Carl R.
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(57) Abstract:

The present disclosure provides compositions and methods for regulating expression of heterologous nucleotide sequences in a plant. Compositions include a novel nucleotide sequence for a promoter. A method for expressing a heterologous nucleotide sequence in a plant using the promoter sequence disclosed herein is provided. The method comprises stably incorporating into the genome of a plant cell a nucleotide sequence operably linked to the promoter of the present invention and regenerating a stably transformed plant that expresses the nucleotide sequence.

No. of Pages: 57 No. of Claims: 32

(21) Application No.4794/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SWASH PLATE COMPRESSOR

(51) International classification	:F04B27/08,F16C33/10	(71)Name of Applicant:
(31) Priority Document No	:2010260967	1)TAIHO KOGYO Co. Ltd.
(32) Priority Date	:24/11/2010	Address of Applicant :65 Midorigaoka 3 chome Toyota shi
(33) Name of priority country	:Japan	Aichi 4718502 Japan
(86) International Application No	:PCT/JP2011/077043	(72)Name of Inventor:
Filing Date	:24/11/2011	1)NOMURA Satoshi
(87) International Publication No	:WO 2012/070615	2)AKIZUKI Masanori
(61) Patent of Addition to Application	:NA	3)KANEMITSU Hiroshi
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A swash plate compressor (1) is provided with: a swash plate (3) rotating about a rotation shaft (2); pistons (4) moving forward and backward as the swash plate (3) rotates and having semispherical recesses (4a) formed therein; and shoes (5) having formed thereon flat sections (5a) and spherical surfaces (5b) the flat sections (5a) being in sliding contact with the swash plate (3) the spherical surfaces (5b) being in sliding contact with the recesses (4a) in the pistons (4). A coating layer (3b) is formed on the surface of the swash plate (3) and spiral or concentric annular grooves (3c) centered on the center of the swash plate (3) are formed on the surface of the coating layer (3b). The diameter of the flat sections is set to be less than 10.5 mm and the pitch of annular protrusions (3d) in contact with the flat sections (5a) is set so that the sum of the lengths of the annular protrusions (3d) is greater than or equal to 300 mm. The frictional force of the shoes against the swash plate can be reduced by reducing the diameter of the flat sections of the shoes and the wear of the coating layer due to the friction can be reduced.

No. of Pages: 18 No. of Claims: 2

(22) Date of filing of Application :30/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: INSERT AND VIAL FOR THE INFUSION OF LIQUIDS

(51) International classification :A61J1/14,A61J1/20,A61M5/162 (71) Name of Applicant:

(31) Priority Document No :10194465.0 (32) Priority Date :10/12/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/071452

No

:01/12/2011 Filing Date

(87) International Publication No:WO 2012/076386

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH

Address of Applicant :Else Kroener Strasse 1 61352 Bad

Homburg Germany

(72)Name of Inventor: 1)FINI Massimo

2) VENERONI Alain

3)WEHMEYER Wolfgang 4)HOFMANN Wolfgang

(57) Abstract:

The present invention relates to an insert (40) and a vial (30) for the infusion of a liquid (80). The vial (30) comprises a hollow body (31) for storing the liquid (80) a grasp portion (38) and a head (32). The head comprises a delivery opening (33) defining an axis (X) a closing septum (34) suitable for closing the delivery opening; and at least one circumferential push surface (35) defined next to the head by a protrusion. The circumferential push surface is firmly connected to the grasp portion. The insert (40) according to the invention is suitable to delivery the liquid (80) and to receive the insertion along axis (X) of the vial. The insert comprises a main body (41) and an inner part (42). The main body comprises a lateral wall (410) and a lower delivery portion (411) defining a first lower duct (511) and a second lower duct (521). The inner part comprises an inner wall (420) and a piercing spike (421). The inner wall (420) defines a seat (422) suitable to receive the head of the vial and comprises at least one slit (423) suitable to engage a radially inner portion (350) of the at least one circumferential push surface of the vial. The piercing spike is suitable to pierce the closing septum of the vial and defines a first upper duct (510) and a second upper duct (520). The inner part is housed inside the main body so as to be able to rotate with respect to the latter around axis (X). In particular the inner part is able to rotate between: a fluidly open configuration A wherein the upper ducts are in fluid communication with the lower ducts; and a fluidly closed configuration (B) wherein the upper ducts are not in fluid communication with the lower ducts.

No. of Pages: 35 No. of Claims: 18

(21) Application No.4924/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ASCERTAINING DATA ACCESS PERMISSION OF GROUPS OF USERS TO GROUPS OF DATA ELEMENTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F7/04 :NA :NA :NA :NA :PCT/IL2010/001090 :29/12/2010 :WO 2012/090189 :NA :NA :NA	(71)Name of Applicant: 1)VARONIS SYSTEMS INC. Address of Applicant: 499 7th Avenue 23rd Floor South Tower New York New York 11018 U.S.A. (72)Name of Inventor: 1)FAITELSON Yakov 2)KORKUS Ohad 3)KEYSAR Yzhar
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(57) Abstract:

A method for ascertaining access permissions of users to computer resources on a storage unit the method including grouping users into a plurality of user groups wherein all members of at least one of the user groups have at least nearly identical user/resource access permissions to the computer resources grouping resources into a plurality of resource groups wherein all members of at least one of the resource groups have at least nearly identical resource/user access permissions ascertaining whether a given user is a member of a user group ascribing to the given user the user/resource access permissions of the user group ascertaining whether a given resource is a member of a resource group and if the given resource is a member of a resource group ascribing to the given resource the resource/user access permissions of the resource group.

No. of Pages: 43 No. of Claims: 30

(21) Application No.4767/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : RECOMBINANT HEMAGGLUTININ PROTEIN OF INFLUENZA VIRUS AND VACCINE CONTAINING THE SAME

(51) International classification :C07K14/11,C12N15/44,A61K39/145

(21) Dei e sites De serve est Ne

(31) Priority Document No :61/408576 (32) Priority Date :30/10/2010 (33) Name of priority

country :U.S.A.

country (86) International

Application No :PCT/US2011/058186

Filing Date :27/10/2011

(87) International :WO 2012/058493

(61) Patent of Addition to Application Number :NA

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

(71)Name of Applicant :

1)LIU George

Address of Applicant :1029 Brassington Drive Collegeville

PA 19426 U.S.A. (72)Name of Inventor:

1)LIU George

(57) Abstract:

The present invention provides a recombinant hemagglutinin antigenic protein a virus like particle and a recombinant influenza virus. The present invention further provides a vaccine comprising the recombinant hemagglutinin antigenic protein the virus like particle or recombinant influenza virus.

No. of Pages: 45 No. of Claims: 18

(21) Application No.4768/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: RECOMBINANT ENVELOPE PROTEIN OF HUMAN IMMUNODEFICIENCY VIRUS (HIV) AND VACCINE CONTAINING THE SAME

(51) International :C07K14/16,C07K19/00,C12N15/49

classification (31) Priority Document No

:61/408574

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

:30/10/2010

(86) International Application No

:PCT/US2011/057974

Filing Date

:27/10/2011

(87) International Publication :WO 2012/058363

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

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

(71)Name of Applicant:

1)LIU George

Address of Applicant: 1029 Brassington Drive Collegeville

Pennsylvania 19426 U.S.A. (72)Name of Inventor:

1)LIU George

(57) Abstract:

The present invention provides a recombinant HIV Env antigenic protein a virus like particle and a recombinant HIV virus. The present invention further provides a vaccine comprising the recombinant HIV Env antigenic protein the virus like particle or recombinant HIV virus.

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

(22) Date of filing of Application :29/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: VIRAL VACCINE AND PROCESS FOR PREPARING THE SAME

 $: A61K39/145, A61K31/12, A61P31/16 \bigg| (71) \textbf{Name of Applicant:} \\$ (51) International classification

(31) Priority Document No :61/408575 (32) Priority Date :30/10/2010 (33) Name of priority

:U.S.A. country

(86) International :PCT/US2011/058184 Application No

:27/10/2011 Filing Date

(87) International :WO 2012/058492 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

1)LIU George

Address of Applicant: 1029 Brassington Drive Collegeville

Pennsylvania 19426 U.S.A. (72)Name of Inventor: 1)LIU George

(57) Abstract:

The present invention provides a vaccine against a viral infection. The exemplary vaccine comprises a viral antigen of a vaccine strain of a virus; wherein the viral antigen is derived from a virus preparation of the vaccine strain of the virus; wherein the virus preparation of the vaccine strain of the virus contains a subpopulation of infectious viral particles and the subpopulation of infectious viral particles is represented as a proportion over the total viral particles or total viral antigens of the virus preparation; and wherein the proportion of the subpopulation of infectious viral particles over the total viral particles or total viral antigens of the virus preparation is over a predefined threshold; so that the vaccine provides at least partial inter subtypic or intra subtypic cross immune response against different strains of the virus than the vaccine strain.

No. of Pages: 23 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: DRIVE SYSTEM

(51) International :B60R16/033,B60R16/02,B60R99/00 classification

(31) Priority Document No :61/410283 (32) Priority Date :04/11/2010 (33) Name of priority

:U.S.A. country

(86) International

:PCT/US2011/059337 Application No :04/11/2011

Filing Date

(87) International

:WO 2012/061712 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant:

1) REMY TECHNOLOGIES L.L.C.

(21) Application No.4919/DELNP/2013 A

Address of Applicant :600 Corporation Dr. 2nd Floor

Pendleton Indiana 46064 U.S.A.

2)MOTOCZYSZ (72)Name of Inventor:

1)CZYSZ Michael

(57) Abstract:

A drive system package includes a housing. Located at the housing are a mechanical interface to output mechanical power an electrical power connector receiver and a user interface. A motor vehicle includes a motor vehicle frame and one or more drive components. The motor vehicle further includes a drive system package having a housing. A mechanical interface is located at the housing and is operably connectable to the one or more drive components. The drive system package further includes an electrical power connector receiver and a user interface located at the housing.

No. of Pages: 15 No. of Claims: 20

(21) Application No.4920/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR THE ACID CATALYZED DEPOLYMERIZATION OF CELLULOSE

(51) International classification :C13K1/02,C13K1/06,C08H8/00 (71)Name of Applicant:

(31) Priority Document No :10 2010 052 602.9 (32) Priority Date :25/11/2010

(33) Name of priority country :Germany

(86) International Application No:PCT/DE2011/075282

Filing Date :22/11/2011 (87) International Publication No: WO 2012/097781

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)STUDIENGESELLSCHAFT KOHLE MBH Address of Applicant : Kaiser Wilhelm Platz 1 45470

M¹/₄lheim an der Ruhr Germany

(72)Name of Inventor: 1)SCHTH Ferdi 2)RINALDI Roberto 3)MEINE Niklas

(57) Abstract:

The invention relates to a method for the acid-catalyzed depolymerization of cellulose, in which cellulose is subjected to a mechanical treatment in the presence of an inorganic and/or organic acid. The catalytic conversion of cellulose into watersoluble products that is achieved is virtually complete; cellulose oligomers, cellobiose, glucose, and glycerol can be obtained without any notable formation of additional by-products.

No. of Pages: 14 No. of Claims: 7

(21) Application No.4921/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WEARABLE DISPENSER

(51) International classification :A44C15/00,A47K5/00,B65D25/40

(31) Priority Document No :61/418921 (32) Priority Date :02/12/2010

(32) Priority Date :02/12/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/063056

No Filing Date :02/12/2011

(87) International Publication :WO 2012/075390

No

(61) Patent of Addition to Application Number Filing Date :NA

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

(57) Abstract :

(71)Name of Applicant: 1)GOJO INDUSTRIES INC.

Address of Applicant :One GOJO Plaza Suite 500 P.O. Box

991 Akron Ohio 44309 U.S.A. (72)Name of Inventor:

1)CIAVARELLA Nick 2)ARCHER Matthew

A wearable dispenser is provided having an elongate body having a first end and a second end and extending from the first end to the second end in an arc forming at least a portion of an ellipse oval or circle and extending through greater than 180 degrees so as to fit over a wrist. A product is retained interiorly of the body and a pump assembly fluidly communicates with the product in the body. The pump assembly includes a movable dispensing tip that upon reciprocal movement dispenses a dose of product from the pump assembly and draws another dose of product into the pump assembly.

No. of Pages: 27 No. of Claims: 15

(21) Application No.4810/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: ELECTRICALLY OPERATED MACHINE FOR COVERING BOOK COVERS AND SEALING ENVELOPES AND ARTICLES OF VARIOUS KIND

(51) International :B29C65/18,B42C15/00,B65B51/14

classification

(31) Priority Document No :MI 2010 A 002175

(32) Priority Date

:24/11/2010

(33) Name of priority country: Italy

(86) International Application :PCT/EP2011/070678

No

:22/11/2011

Filing Date

(87) International Publication :WO 2012/069470

(61) Patent of Addition to **Application Number**

:NA

Filing Date

:NA

(62) Divisional to Application :NA Number

Filing Date

:NA

(57) Abstract:

(71)Name of Applicant: 1)COLIBRI SYSTEM S.D.A.

Address of Applicant : Via E. Cernuschi 4 I 20129 Milano Italy

(72)Name of Inventor:

1)FARNETI Aldo

A machine is described for covering book covers and sealing envelopes or articles of various kind. The machine comprises a fixed lower base (1) suitable for resting a sheet of flexible plastic material single or unwindable from a roll for an article to be covered an upper part (3) movable towards said base (1) and a heatable blade (7) accommodated in said upper part (3) to execute the soldering of the overlapped ends of the plastic material sheet along the edges of said article when said upper part (3) is approached to said lower base (1). To approach the upper part (3) to the lower base (1) the machine comprises an electric motor (9) a control member (20) accessible from the outside of the machine for operating said electric motor (9) and movement transmission means (21 26) acting on the sides (11) of said upper part (3) to induce at every activation of said electric motor (9) determined by said control member (20) an approaching movement of said upper part (3) towards said lower base (1) for executing the soldering of the ends of the plastic material sheet.

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CAMERA BASED MULTI TOUCH INTERACTION AND ILLUMINATION SYSTEM AND METHOD

(51) International classification :G06F3/042,G06F3/033 | (71)Name of Applicant : 1)EPSON NORWAY RESEARCH AND DEVELOPMENT (31) Priority Document No :61/416116 (32) Priority Date :22/11/2010 (33) Name of priority country :U.S.A. Address of Applicant :Postboks 1288 Sluppen N 7462 (86) International Application No :PCT/NO2011/000329 Trondheim Norway (72)Name of Inventor: Filing Date :22/11/2011 1)DAMHAUG ~ystein (87) International Publication No :WO 2012/070950 (61) Patent of Addition to Application 2)N†SS Hallvard :NA Number 3)NJ~LSTAD Tormod :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method system and apparatus is provided for controlling and interacting within an interaction volume (7) and/or surface (16) of a computer for example a computer screen an interactive whiteboard a horizontal interaction surface a video/web conference system a rear projection screen a digital signage surface or a television screen to provide

pointing hovering selecting tapping gesturing scaling drawing writing and erasing using one or more objects (25) such as fingers hands and other objects for example pens brushes wipers and even more specialized tools. The method apparatus and system is optionally employed together with or even be integrated into data projectors (3) of all types and its fixtures/stands (4) and used together with flat screens (LCD plasma OLED rear projection screen and so forth) to render such display systems interactive. The apparatus incorporates a camera (1) covering the interaction area (16) from either a very short distance or from a larger distance to determine the lateral positions (X Y) and even capturing the pose of the finger(s) hand(s) or other interacting object(s) which optionally include the determination of touch and hovering.

No. of Pages: 75 No. of Claims: 25

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NITRIDE SEMICONDUCTOR LIGHT EMITTING ELEMENT

(51) International classification :H01L33/40,H01L33/32 (71)Name of Applicant : (31) Priority Document No 1)NICHIA CORPORATION :2010274125 (32) Priority Date :08/12/2010 Address of Applicant: 491 100 Oka Kaminaka cho Anan shi (33) Name of priority country Tokushima 7748601 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2011/073583 Filing Date 1)MIKI Yasuhiro :13/10/2011 (87) International Publication No :WO 2012/077407 2)ONISHI Masahiko (61) Patent of Addition to Application 3)NISHIYAMA Hirofumi :NA Number 4)BANDO Shusaku :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

To improve the reflectivity of an electrode and improve light extraction efnciency. [Solution] A nitride semiconductor light-emitting ele ment comprising: a nitride semiconductor layer; and an electrode structure disposed on top of the semiconduct or layer and constituted by laminating a plurality of metal layers. The electrode structure includes a first metal layer arranged on the semiconductor layer side and a second metal layer arranged on top of the first metal layer. The first metal layer can include C r and a first metal material with a higher reflectivity in the op - tical peak wavelength for the light-emitting element than Cr. A s a result, reduction in adhesion t o the semi conductor layer can b e suppressed while maintaining high reflectivity compared to when the first metal layer comprises Cr only.

No. of Pages: 41 No. of Claims: 16

(21) Application No.4816/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : MEASURING DEVICE CONTROL DEVICE AND MEASURING INSTRUMENT FOR LEVEL MEASUREMENT

(51) International classification :G01F23/284,G01F23/26,G01F23/296

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority :NA

country :NA

(86) International Application No :PCT/EP2010/069992

Filing Date :16/12/2010

(87) International :WO 2012/079642

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)VEGA GRIESHABER KG

Address of Applicant : Hauptstr. 1 5 77709 Wolfach Germany

(72)Name of Inventor: 1)WELLE Roland

(57) Abstract:

The invention relates to a measurement that takes place in various regions (531, 731, 532, 732) of a Container, using a waveguide device (531, 505, 605, 731) and a measuring device (532, 632, 732).

No. of Pages: 53 No. of Claims: 15

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WINDSCREEN WIPER DEVICE FOR A MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60S1/04,B60S1/58 :10 2010 063 143.4 :15/12/2010 :Germany :PCT/EP2011/070197 :16/11/2011 :WO 2012/079897 :NA :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)ALBRECHT Gerard 2)STERNS Orlando 3)REITH Michael
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(57) Abstract:

The invention relates to a windscreen device for a motor vehicle in particular a rear window wiper device having a wiper motor which can be attached to a vehicle bodywork (2 12) of the motor vehicle via an attachment arrangement (1 11) wherein the attachment arrangement (1 11) can be inserted by means of at least one mounting element (3 13) into at least one recess (4 4) formed in the vehicle bodywork (2 12) and can be displaced therein wherein the mounting element (3 13) has at least one latching element (5 15) which forms in an end position of the mounting element (3 13) a positively locking connection to the vehicle bodywork (2 12) in order to connect the wiper motor in a releasable fashion to the vehicle bodywork (2 12). Provided on the mounting element (13) is a web (17) which in the end position of the mounting element (13) in the recess (14) in the vehicle bodywork (12) engages at least partially with a protrusion (15) formed on an end region of the web (16) in a latching opening and/or latching depression (18) which is formed in the vehicle bodywork (12) at a distance from the recess (14) wherein the web (17) engages behind a section (19) formed between the recess (14) and the latching opening (18) of the vehicle bodywork (12).

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

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE FOR INTRODUCING FILLING MATERIAL INTO CAPSULES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61J3/07 :10 2010 063 138.8 :15/12/2010 :Germany :PCT/EP2011/069395 :04/11/2011 :WO 2012/079840 :NA :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)RUNFT Werner 2)SCHLIPF Jens 3)BOEHRINGER Walter
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(57) Abstract:

The present invention relates to a device for introducing filling material (21) into capsules (22) comprising a filling device (25) for feeding filling material (21) to the capsules (22) a capsule holder (30) with at least one row of seats (31) in which the capsules (22) that are to be filled are arranged a station arrangement with several stations arranged one after another wherein the station arrangement comprises at least one filling station (5) and a synchronously operating drive and a movement device which at the capsule filling station (5) executes a relative movement between the filling device (25) and the capsule holder (30) wherein the filling device (25) adopts relative to the capsule holder (30) at least a first filling position for filling a first capsule and a second filling position for filling a second capsule.

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

(21) Application No.4940/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROCESS SIMPLIFICATION FOR PRECURSOR COMPOUND

(51) International :C07C269/06,C07B59/00,C07C303/28

classification .C0/C269/06,C0/B39/00,C0/C303/2

(31) Priority Document No :1021523.4 (32) Priority Date :20/12/2010

(33) Name of priority :U.K.

country

(86) International Application No :PCT/EP2011/073204

Filing Date :19/12/2011

(87) International

Publication No :WO 2012/084794

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
:NA
:NA
:NA
: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)BERG Tom Christian

(57) Abstract:

Filing Date

The invention relates to a process for preparation of radiopharmaceutical precursors and in particular protected amino acid derivatives which are used as precursors for production of radiolabelled amino acids for use in imaging procedures such as positron emission tomography (PET). Particularly the invention relates to a process for preparation of a precursor useful in the preparation of the [F] 1 amino 3 fluorocyclobutanecarboxyiic acid ([F] FACBC) PET tracer.

No. of Pages: 25 No. of Claims: 19

(21) Application No.4941/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ANODE ACTIVE MATERIAL AND SECONDARY BATTERY COMPRISING THE SAME

(51) International classification :H01M4/583,H01M4/48,H01M4/58

(31) Priority Document No :1020100124809 (32) Priority Date :08/12/2010 (33) Name of priority country :Republic of Korea (86) International Application :PCT/KR2011/009169

Filing Date :29/11/2011

(87) International Publication :WO 2012/077929

No (61) Pat

(61) Patent of Addition to Application Number Filing Date :NA

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

(71)Name of Applicant : 1)LG CHEM LTD.

Address of Applicant :20 Yoido dong Youngdungpo gu Seoul

150 721 Republic of Korea (72)Name of Inventor:
1)CHANG Sung Kyun
2)JANG WonSeok

3)KIM Je Young 4)HAN JungMin

(57) Abstract:

Disclosed are an anode active material for secondary batteries, capable of intercalating and deintercalating ions, the anode active material including a core including a crystalline carbon-based material, and a composite coating layer including 5 one or more materials selected from the group consisting of low crystalline carbon and amorphous carbon, and a hydrophilic material, wherein the composite coating layer includes a matrix comprising one component selected from one or more materials selected from the group consisting of low crystalline carbon and amorphous carbon, and a hydrophilic material, and a filler including the other component, incorporated in the 10 matrix, and a secondary battery including the anode active material.

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

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LITHIUM BATTERY SEPARATOR WITH SHUTDOWN FUNCTION

(51) International :H01M2/16,H01M10/0525,H01M10/42

(31) Priority Document :61/434029

(32) Priority Date :19/01/2011 (33) Name of priority country :U.S.A.

(86) International PCT/US2012/021883

Application No :19/01/2012

Filing Date
(87) International

Publication No :WO 2012/100064

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)E. I. DU PONT DE NEMOURS AND COMPANY

Address of Applicant :1007 Market Street Wilmington

Delaware 19898 U.S.A. (72)Name of Inventor: 1)MAZUR Stephen

2)FRISK Simon

3)LEVIT Natalia V.

(57) Abstract:

This invention relates to separators for batteries and other electrochemical cells especially lithium ion batteries having a shutdown mechanism. The separator is a laminate that contains a nonwoven nanoweb and a porous layer composed of a plurality of thermoplastic particles having particle size smaller than the mean flow pore size of the nanoweb. The shutdown layer melts and starts to flow at a desired temperature and restricts the ion flow path resulting in a substantial decrease in ionic conductivity of the separator at the desired shutdown temperature while leaving the separator intact.

No. of Pages: 38 No. of Claims: 24

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LUMINESCENT SOLAR CONCENTRATOR APPARATUS METHOD AND APPLICATIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01L31/052 :61/409589 :03/11/2010 :U.S.A. :PCT/US2011/058900 :02/11/2011 :WO 2012/061463 :NA :NA :NA	(71)Name of Applicant: 1)ABENGOA SOLAR PV INC. Address of Applicant: 11500 W. 13th Avenue Lakewood Colorado 80215 U.S.A. (72)Name of Inventor: 1)POWELL David 2)ALERS Glenn 3)OLSON Jeremy
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(57) Abstract:

A luminescent solar concentrator apparatus includes an optically transparent substrate and a photovoltaic material layer at least partially embedded within an optically transparent encapsulant material layer that contacts the optically transparent substrate. A luminescent material layer also contacts the optically transparent encapsulant material layer. Generally the luminescent solar concentrator apparatus provides that the luminescent material layer is not located within an incoming optical pathway through at least the optically transparent substrate to the photovoltaic material layer.

No. of Pages: 29 No. of Claims: 28

(21) Application No.4913/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD FOR CONTROLLING AND ADAPTING AN AIR/FUEL MIXTURE IN AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D41/14 :10 2010 063 119.1 :15/12/2010 :Germany :PCT/EP2011/070789 :23/11/2011 :WO 2012/079935 :NA :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)LEHN Frank
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(57) Abstract:

The method relates to a method for controlling and adapting an air/fuel ratio of an air/fuel mixture in an internal combustion engine (2), in particular in a spark ignition engine; having the following steps: - providing an actual lambda value (LambdaActX which specifies a current air/fuel ratio value, and a setpoint lambda value (LambdasetP), which specifies a desired air/fuel ratio value; - determining as a function of the actual lambda value (LambdaAc0 a correction value for controlling and adapting the actual lambda value (LambdaAct) to the setpoint lambda value (LambdaSetp), wherein the correction value corresponds, as a function of the deviation of the actual lambda value H (LambdaAct) from the setpoint lambda value (LambdaSetp), to a charge correction value (Ccorr2) for applying a variable which influences the air charge of the internal combustion engine (2) or a fuel correction value (FcOrr) for applying a variable which influences the fuel quantity to be injected in the internal combustion engine (2).

No. of Pages: 15 No. of Claims: 7

(21) Application No.4914/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: HIGH PRESSURE PUMP

(51) International classification: F04B1/04,F04B1/053,F02M37/04 (71)Name of Applicant:

(31) Priority Document No :102010063363.1 (32) Priority Date :17/12/2010

(33) Name of priority country :Germany

(86) International Application :PCT/EP2011/069115

:31/10/2011 Filing Date

(87) International Publication :WO 2012/079831

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)SCHOETZ Alfons 2)SCHETTER Markus

(57) Abstract:

The invention relates to a high-pressure pump for a fuel injection system of an internal combustion engine, wherein the high-pressure pump has at least one pump piston which is driven by the rotation of a drive shaft around a rotational axis in a reciprocating movement in the substantially radial direction with respect to the rotational axis of the drive shaft, via at least one eccentric or cam which is arranged on the drive shaft and via a tappet assembly which is arranged on the pump piston, wherein the tappet assembly has a tappet body and a cam roller, wherein an anti-rotation safeguard is provided for the stable orientation of the cam roller on the drive shaft.

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

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NON AQUEOUS DISPERSIONS COMPRISING A NONLINEAR ACRYLIC STABILIZER

(51) International classification :C09D7/04,C09D7/06,C09D7/12 (71)Name of Applicant: (31) Priority Document No :12/963045 1)PPG INDUSTRIES OHIO INC. (32) Priority Date :08/12/2010 Address of Applicant: 3800 West 143rd Street Cleveland Ohio (33) Name of priority country 44111 U.S.A. :U.S.A. (86) International Application No:PCT/US2011/063605 (72)Name of Inventor: Filing Date 1)FUHRY Mary Ann M. :06/12/2011 (87) International Publication No: WO 2012/078681 2)FENN David R. (61) Patent of Addition to 3)DUDIK John M. :NA **Application Number** 4)ANDERSON Linda K. :NA Filing Date 5)WANG Wei (62) Divisional to Application 6)SIMPSON Dennis A. :NA Number 7)MORAVEK Scott J. :NA Filing Date 8)NIEDERST Ken W.

(57) Abstract:

A non aqueous dispersion comprising the dispersion polymerization reaction product of an ethylenically unsaturated monomer and a nonlinear random acrylic polymer stabilizer is disclosed. Related coatings methods and substrates are also disclosed.

No. of Pages: 34 No. of Claims: 27

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: YARN STORAGE DRAWER DEVICE AND YARN WINDER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B65H51/22 :2010244380 :29/10/2010 :Japan :PCT/JP2011/004997 :06/09/2011 :WO 2012/056624 :NA :NA	(71)Name of Applicant: 1)Murata Machinery Ltd. Address of Applicant: 3 Minami Ochiai cho Kisshoin Minami ku Kyoto shi Kyoto 6018326 Japan (72)Name of Inventor: 1)HIRAO Osamu 2)HIRUKAWA Masao
	:NA :NA :NA	

(57) Abstract:

The purpose of the present invention is to provide a yarn storage drawer device capable of preventing the occurrence of irregularities in the stored yarn. More specifically a yarn storage drawer device (5) comprises a yarn storage device (18) and a winding unit (8). The yarn storage device (18) is provided with a yarn storage roller (32) having a first yarn contact section (32a) and a yarn transferring member (31) which has a second yarn contact section (31a) and which is provided in the direction along the rotational axis of the yarn storage roller (32). Also the yarn storage device (18) alternately spans yarn across the first yarn contact section (32a) and the second yarn contact section (31a) and stores the spanned yarn. The winding unit (8) draws out the yarn storage in the yarn storage device (18) in the direction of the rotational axis of the yarn storage roller (32) and unwinds the drawn yarn.

No. of Pages: 59 No. of Claims: 14

(21) Application No.4690/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ELECTRIC CONSTRUCTION MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2011035081 :21/02/2011 :Japan	(71)Name of Applicant: 1)HITACHI CONSTRUCTION MACHINERY CO. LTD. Address of Applicant: 5 1 Koraku 2 chome Bunkyo ku Tokyo 1128563 Japan (72)Name of Inventor: 1)YUNOUE Masayuki 2)NOGUCHI Akira 3)TAKISHITA Tatsuo 4)KURIKUMA Hajime
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(57) Abstract:

An electric construction machine which is capable of preventing charging difficulties due to the disappearance of the remaining amount of electricity stored in a battery device is provided. An electric hydraulic excavator provided with an electric motor (31) a hydraulic pump (33) that is driven by the electric motor (31) hydraulic actuators (13A 13B 19 to 21 etc.) that are driven by hydraulic oil from the hydraulic pump (33) and a battery device (7) which is the power source for the electric motor (31) wherein the battery device (7) has battery systems (56A 56B) each of which comprises a plurality of batteries (55). A selector switch (28) enables one of the battery systems (56A 56B) to be selected. An arithmetic and control unit (53) of an inverter device (32) controls switches for switching connections (58A 58B) via battery controllers (54A 54B) and switches the connection state of the battery systems (56A 56B) in such a manner that electricity is supplied to the electric motor (31) from the battery system (56A or 56B) selected by the selector switch (28).

No. of Pages: 56 No. of Claims: 3

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD AND APPARATUS FOR ASSESSING THE QUALITY OF A VIDEO SIGNAL DURING ENCODING AND TRANSMISSION OF THE VIDEO SIGNAL

:H04N21/4425,H04N21/442 (71)Name of Applicant : (51) International classification (31) Priority Document No 1) DEUTSCHE TELEKOM AG :10194578.0 (32) Priority Date Address of Applicant: Friedrich Ebert Allee 140 53113 Bonn :10/12/2010 (33) Name of priority country :EPO Germany (86) International Application No :PCT/EP2011/065188 (72)Name of Inventor: Filing Date 1)ARGYROPOULOS Savvas :02/09/2011 (87) International Publication No :WO 2012/076202 2)FEITEN Bernhard (61) Patent of Addition to 3)GARCIA Marie Neige :NA **Application Number** 4)LIST Peter :NA Filing Date 5)RAAKE Alexander (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

Method and apparatus for assessing the quality of a transmitted video signal sequence at the receiver side the method comprising the steps of: a) capturing the received input video bit stream prior to decoding and supplying it to a video bit stream analyzer; b) extracting during a measurement time window one or more features from the packet headers of the captured input video bit stream by the bit stream analyzer; c) determining from the one or more features and optionally from meta information known about the media stream such as the slicing configuration a single parameter xwpSEQ representing the magnitude of signal degradation due to packet loss; d) supplying the determined parameter to a quality estimation module; and e) calculating by the quality estimation module a quality measure due to packet loss Q based on the single parameter representing the magnitude of signal degradation xwpSEQ due to packet loss and based on video resolution information and employed video codec.

No. of Pages: 39 No. of Claims: 20

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F02M61/18 :10 2010 063 355.0 :17/12/2010 :Germany :PCT/EP2011/072754 :14/12/2011 :WO 2012/080331 :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)STUKE Bernd 2)NUDING Michael
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a fuel injection valve (1) comprising a valve body (5), in which a pressure chamber (7) is designed which, at one end, is delimited by a conical valve seat (13) to which a blind hole (14) connects. A valve needle (10) is arranged longitudinally displaceably in the pressure chamber (7), a valve sealing face (12) of the needle cooperating with the conical valve seat (13) to control a fuel flow from the pressure chamber (7) to injection openings (15; 115; 215) designed in the valve body (5), wherein a valve needle tip (18) of the valve needle (10) protrudes in the blind hole (14). when the needle is seated against the valve seat (13). The inlet opening (216) of an injection opening (215) is arranged downstream of the valve needle tip (18) in the blind hole (14) and the inlet openings (116) of the remaining injection holes (115) are arranged downstream of the valve needle tip (18) when the valve needle (10) is seated against the | valve seat (13). An internal combustion engine comprising such a fuel injection valve (1) and a pencil-type glow plug (35) is designed such the fuel exiting the downstream injection opening (215) forms a pilot injection which is directed to or in the direct vicinity of the pencil-type glow plug (35). Because of the position of this injection opening, fuel is ejected in the direction of the pencil-type glow plug even when the valve needle is offset and even with small needle strokes.

No. of Pages: 20 No. of Claims: 8

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR THE PREPARATION OF HIGH PURITY PHARMACEUTICAL INTERMEDIATES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:29/11/2010 :Hungary :PCT/HU2011/000113 :29/11/2011 :WO 2012/073055 :NA	(71)Name of Applicant: 1)EGIS GYGYSZERGYR NYILVNOSAN MUK-DO R‰SZV‰NYTRSASG Address of Applicant :Kereszt°ri °t 30 38 H 1106 Budapest Hungary (72)Name of Inventor: 1)KOVNYIN‰ LAX Gyrgyi 2)SIMIG Gyula 3)VOLK Bal;zs 4)BARTHA Ferenc L³r;nt 5)KRASZNAI Gyrgy 6)RUZSICS Gyrgy 7)SIPOS ‰va 8)NAGY K;lm;n 9)MOROVJN Gyrgy 10)BARKCZY J³zsef 11)KESZTHELYI Adrienn 12)IMRE J;nos 13)BAGYINSZKI G;bor
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(57) Abstract:

The present invention is related to intermediates useful in the preparation of pharmceutically acceptable salts of (+) 7 [4 (4 fluorophenyl) 6 isopropyl 2 (methanesulfonyl methyl amino) pyrimidin 5 yl] (3R 5S) dihydroxy hept 6 enoic acid and polymorphs of said intermediates methods for preparation thereof and use thereof.

No. of Pages: 84 No. of Claims: 25

(21) Application No.4955/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PHOTOVOLTAIC ARRAY SYSTEMS METHODS AND DEVICES WITH BIDIRECTIONAL **CONVERTER**

(51) International

:H02J7/35,H02M3/155,H01L31/042 classification

:61/418144 (31) Priority Document No (32) Priority Date :30/11/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/062710 No

:30/11/2011 Filing Date

(87) International Publication :WO 2012/075189

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)IDEAL POWER CONVERTERS INC.

Address of Applicant: 5004 Bee Creek Road Suite 600

Spicewood TX 78669 U.S.A. (72)Name of Inventor:

1)BUNDSCHUH Paul 2)ALEXANDER William

(57) Abstract:

Devices systems and methods for operating monitoring and diagnosing photovoltaic arrays used for solar energy collection. The system preferably includes capabilities for monitoring or diagnosing an array under some circumstances by using a bidirectional power converter not only to convert the DC output of the array to output power under some conditions but also for diagnostic operations applying a back converted DC voltage to the array.

No. of Pages: 63 No. of Claims: 29

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:F02M47/02 :10 2010 064 057.3 :23/12/2010 :Germany :PCT/EP2011/073755 :22/12/2011 :WO 2012/085186 :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)MENNICKEN Michael 2)TRAN Sonny
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a fuel injection valve, comprising a housing (1), in which a piston-shaped valve needle (5) is arranged in a longitudinally movable manner, which valve needle is surrounded by a pressure chamber (3) and interacts with a valve seat (8) in order to control a fuel flow from the pressure chamber (3) to at least one injection opening (9). In the housing (1), a storage volume (7) is formed, which is connected to the pressure chamber (3) by means of a damping throttle (12), and additionally a fuel-filled control chamber (16) is formed, which can be connected to a leakage oil chamber (28) by means of a control valve (25) and the pressure of which acts at least indirectly on the valve needle (5) in the direction of the valve seat (8). The storage volume (7) is connected B to the control chamber (16) by means of a supply throttle (26).

No. of Pages: 12 No. of Claims: 7

(21) Application No.4958/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: TANDEM MASTER CYLINDER SECONDARY PISTON AND MASTER CYLINDER EQUIPPED WITH SUCH A SECONDARY PISTON

(51) International classification :B60T11/232,B60T11/236 (71)Name of Applicant : (31) Priority Document No :1005008 (32) Priority Date :21/12/2010 (33) Name of priority country :France

(86) International Application No :PCT/EP2011/071724

Filing Date :05/12/2011 (87) International Publication No :WO 2012/084468

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant: Wernerstrasse 1 70442 Stuttgart

Germany

(72)Name of Inventor: 1) CHARPENTIER Carole 2)AUGUSTE Antony 3)LHUILLIER Laurent 4)BERNADAT Olivier

5)RODRIGUEZ Marc

(57) Abstract:

Master cylinder (100) comprising a main piston (130) and a secondary piston (230). The secondary piston is made of plastic. It comprises a skirt and an end wall. The front edge of the skirt is provided with longitudinal slots (233) intended to collaborate with the resupply seal (153) to resupply the secondary pressure chamber (240) and ensure operation in the rest position when the braking circuit is in ESP mode. Supply is from the I supply chamber (150) connected to the brake fluid reservoir (190).

No. of Pages: 17 No. of Claims: 6

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WIPER ARM IN PARTICULAR FOR A WINDOW WIPER DEVICE OF A MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60S1/34 :102010064009.3 :23/12/2010 :Germany :PCT/EP2011/070310 :17/11/2011 :WO 2012/084358 :NA :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)GOELLER Alexander 2)WOLFGARTEN Sven 3)RAPP Harald 4)KRUSE Michael
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(57) Abstract:

The invention relates to a wiper arm, in particular for a window wiper device of a motor vehicle, with a hinge part (1) which is connected rotatably at one end to a fastening part (2), and with at least one spring element acting between the hinge part (1) and the fastening element (2), wherein the hinge part (1) is pivotable in relation to the fastening part (2) from a working position into a service position, and vice versa, wherein the hinge part (1) is designed as a substantially U-shaped profile (3) which consists of a back (4) and two side members (5, 6) and at least partially engages around the fastening part (2), wherein the M fastening part (2) has at least one hinge pin (7), wherein a bearing opening (8) for receiving a hinge pin (7) is provided at least in one side member (5, 6) of the hinge part (I), wherein the hinge pin (7) is secured in a bearing region (9) of the bearing opening (8) by means of the spring force of the spring element, wherein the bearing opening (8) is substantially U-shaped and has an outwardly facing recess (11) in the lower limb (10) of the bearing region (9).

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

(21) Application No.4845/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: PRESSURE RELIEF VALVE

(51) International classification	:F16K17/00,F16K31/00	(71)Name of Applicant :
(31) Priority Document No	:12/981028	1)DRESSER INC.
(32) Priority Date	:29/12/2010	Address of Applicant :15455 Dallas Parkway Suite 1100
(33) Name of priority country	:U.S.A.	Addison TX 75001 U.S.A.
(86) International Application No	:PCT/US2011/065087	(72)Name of Inventor:
Filing Date	:15/12/2011	1)KRITHIVASAN Rajesh
(87) International Publication No	:WO 2012/091937	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A pressure relief valve for cryogenic service includes: a fluid inlet and a fluid outlet; a nozzle (300) disposed within the fluid inlet said nozzle having a nozzle groove (310) radially formed on an exterior cylindrical surface of the nozzle and an outwardly disposed ledge (305) having a lower ledge surface comprising a portion of an exterior surface of the nozzle groove and an upper ledge surface comprising a seat (119); a substantially cylindrical closure disc (200) with a lower portion including a groove (220) formed on an exterior radial surface of the cylindrical body an outwardly disposed lip (215) having an upper surface comprising a portion of an interior surface of the groove said lip of the closure disc having a lower closure surface. The lip of the closure disc being adapted to deflect downward and inward in response to a cryogenic thermal gradient applied across the lip.

No. of Pages: 30 No. of Claims: 35

(21) Application No.4846/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : MONITORING TARGET HAVING MULTIPLE IDENTITIES IN LAWFUL INTERCEPTION AND DATA RETENTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:H04L29/06 :NA :NA :NA :PCT/EP2010/070162 :17/12/2010 :WO 2012/079653	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) Address of Applicant: S 164 83 Stockholm Sweden (72)Name of Inventor: 1)ATTANASIO Francesco
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A method is disclosed for providing law enforcement agencies in a telecommunications network with monitoring or retention data related to multiple telecommunication identities owned by single or multiple operators. The method comprises the step of grouping a number of said telecommunication identities in at least one list of telecommunication identities identified by a corresponding at least one list identification element. Advantages: Possibility to provide Multi List Requests feature with no major efforts; advanced functionality that allows combining multiple warrants/queries into one request with a more efficient handling duplicate monitoring preservation and correlation mechanisms also in a multi operator configuration; saving investigators time and effort.

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

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM AND METHOD FOR ULTRASONICALLY EVALUATING STRUCTURAL PROPERTIES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:G01N29/04,G01N29/44,G01N29/50 :61/417485 :29/11/2010 :U.S.A. :PCT/US2011/062383 :29/11/2011 :WO 2012/074997 :NA :NA	(71)Name of Applicant: 1)BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA Address of Applicant: 3835 Holdrege Street Varner Hall Lincoln Nebraska 68583 0745 U.S.A. (72)Name of Inventor: 1)TURNER Joseph A. 2)KUBE Christopher M.
Filing Date	:NA	

(57) Abstract:

Systems and methods for ultrasonically evaluating one or more microstructural material properties of a structural specimen are disclosed. An example system comprises an ultrasonic sensor unit including a plurality of ultrasonic transducers that generate ultrasonic backscatter within the specimen and an evaluation module that performs an autocorrelation function on the ultrasonic backscatter data. An autocorrelation algorithm is configured to execute a single scattering response (SSR) model that computes second order grain statistics of the structural specimen.

No. of Pages: 38 No. of Claims: 24

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NETWORK RELAY SYSTEM AND NETWORK RELAY DEVICE

(51) International classification	:H04L12/46,H04L12/56	(71)Name of Applicant:
(31) Priority Document No	:2011012863	1)ALAXALA NETWORKS CORPORATION
(32) Priority Date	:25/01/2011	Address of Applicant :890 Kashimada Saiwai ku Kawasaki shi
(33) Name of priority country	:Japan	Kanagawa 2120058 Japan
(86) International Application No	:PCT/JP2012/051100	(72)Name of Inventor:
Filing Date	:19/01/2012	1)NAGUMO Takashi
(87) International Publication No	:WO 2012/102170	2)UCHIYA Masashi
(61) Patent of Addition to Application	:NA	3)KAGANOI Teruo
Number	:NA	4)YAMAMOTO Mitsuo
Filing Date	.1 1/2 1	5)MATSUYAMA Nobuhito
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention shows data planes on a local side and a remote side in a similar manner a s viewed from a control plane, and attains the simplification of control and the prevention of the degradation of setting performance. A network relay system is configured by a plurality of communication devices (1000), and each communication device has a data plane (20) that transfers a packet to be input in ac cordance with routing information and a control plane 100) that has a processing unit (1 1 10) learning the routing inform ation and a control system repeater (1 120). Non-blocking communication is feasible between the data planes (20) of the respective communication devices. The control system r e peater (1 120) of an operating system receives the routing information from the processing unit (1 1 10) to set the same in the data plane (20) of the communication device, and trans mits the routing information to the control system repeater (1 120) of the other communication device (1 100-2). The control system repeater (1 120) of a stand-by system receives the routing information to set the same in the data plane (20) of the communication device.

No. of Pages: 110 No. of Claims: 24

(21) Application No.4758/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROTECTED ANTIMICROBIAL COMPOUNDS FOR HIGH TEMPERATURE APPLICATIONS

(51) International classification :A01N33/16,A01N35/02,A01P1/00

(31) Priority Document No :61/424192 (32) Priority Date :17/12/2010

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

(86) International Application :PCT/US2011/062307

No Filing Date :29/11/2011

(87) International Publication :WO 2012/082350

(61) Patent of Addition to
Application Number
:NA

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

(62) Divisional to Application
Number
:NA
Filing Date

(71)Name of Applicant:

1)ANGUS CHEMICAL COMPANY

Address of Applicant :1500 East Lake Cook Road Buffalo

Grove IL 60089 U.S.A.

2)DOW GLOBAL TECHNOLOGIES LLC

(72)Name of Inventor:
1)COBURN Charles E.
2)ENZIEN Michael V.
3)MCGINLEY Heather R.

4)MOORE David W.

(57) Abstract:

Provided are protected antimicrobial compounds which are useful for controlling microorganisms in aqueous or water containing systems such as oil or gas field fluids at elevated temperature. The antimicrobial compounds are of the formula (I): wherein R and R are as defined herein.

No. of Pages: 15 No. of Claims: 8

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: HANDLING MODULE FOR HANDLING MOTOR VEHICLE WHEELS

(51) International classification	:B25J15/00,B25J15/10	(71)Name of Applicant:
(31) Priority Document No	:10 2011 011 423.8	1)EISENMANN AG
(32) Priority Date	:16/02/2011	Address of Applicant: T¼binger Str. 81 71032 Bblingen
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2012/000115	(72)Name of Inventor:
Filing Date	:12/01/2012	1)STARZ Reiner
(87) International Publication No	:WO 2012/110176	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A handling module for handling vehicle wheels in an installation for the surface treatment thereof has at least two gripping units (32a 32b) which are supported by a frame structure (16) and each of which comprises a plurality of press on elements (60a 60b) which are pressable onto one or more counter surfaces (62) of an individual vehicle wheel (12). At least one of the gripping units (32a 32b) comprises a translation device (66a 66b) by means of which the press on elements (60a 60b) are movable in relation o the frame structure (16) with a movement component which is parallel to the axis of rotation (R) of a gripped vehicle wheel (12).

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

(22) Date of filing of Application :03/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : A SYSTEM AND METHOD FOR SEPARATING HIGH VALUE BY PRODUCTS FROM GRAINS USED FOR ALCOHOL PRODUCTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:B03D1/00 :61/419426 :03/12/2010 :U.S.A.	(71)Name of Applicant: 1)LEE Chie Ying Address of Applicant: 34125 Blue Jay Terrace Fremont CA 94555 U.S.A. (72)Name of Inventor:
Filing Date	:05/12/2011	1)LEE Chie Ying
(87) International Publication No	:WO 2012/075481	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods are provided for separating high value by products such as oil and/or germ from grains used for alcohol production. In one embodiment a method for separating by products from grains used for alcohol production includes subjecting milled grains to liquefaction to provide a liquefied starch solution including fiber protein and germ. The germ is separated from the liquefied starch solution. The separated germ is ground e.g. to a particle size less than 50 microns to release oil to provide a germ/oil mixture. Then prior to fermentation the oil is separated from the germ/oil mixture to yield an oil by product. The pH of the germ/oil mixture can be adjusted to about 8 to about 10.5 and/or cell wall breaking enzymes or chemicals may be added to help release oil from the germ. In one example the oil yield is greater than 1.0 lb/Bu.

No. of Pages: 53 No. of Claims: 25

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : USE OF SYNERGISTIC FORMULATIONS CONTAINING STABILIZED CHLORINE DIOXIDE AND PEROXIDE TO REDUCE GROWTH OF CONTAMINANT MICROORGANISMS IN ETHANOL FERMENTATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:20/12/2011 :WO 2012/088180 :NA :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant:1007 Market Street Wilmington Delaware 19898 U.S.A. (72)Name of Inventor: 1)SOLOMON Ethan Baruch 2)OKULL Derrick Otieno
Filing Date		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method for controlling growth of contaminant microorganisms in a fermentation process using a combination of (a) stabilized chlorine dioxide (SCD) and (b) a peroxide compound (PC). The method comprises adding SCD and PC to one or more steps of a fermentation process. In this method the SCD and PC may be added to one or more components of a fermentation broth comprising inoculant fermentable sugar and process water.

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

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : SEMULTANEOUS POLYMERIZATION OF TWO VINYL MONOMER MIXTURES TO OPPOSITE FACES OF A FLAT POROUS SUBTRATE

(51) International :H01M10/04,H01M4/139,H01M4/13

(31) Priority Document No :12/981595

(31) Priority Document No :12/981393 (32) Priority Date :30/12/2010 (33) Name of priority

country :U.S.A.

(86) International

Application No :PCT/US2011/063703

Filing Date :07/12/2011

(87) International Publication No :WO 2012/091870

(61) Patent of Addition to Application Number Filing Date :NA

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

(71)Name of Applicant:

1)GENERAL ELECTRIC COMPANY

Address of Applicant :One River Road Schenectady NY

12345 U.S.A.

(72)Name of Inventor:

1)MACDONALD Russell James

2)ZHENG Liping 3)BARBER John 4)YANG Hai

(57) Abstract:

A bi polar electrode having ion exchange polymers on opposite faces of a porous substrate is formed using a method that includes providing an electrode substrate with activated carbon layers on opposite faces of the electrode substrate wherein said faces have an outer perimeter band void of the activated carbon layers. The electrode substrate is placed in a thermoplastic envelope formed by a pair of polyethylene films. A Mylar sheet is placed in each side of the envelope against the electrode substrate and the envelope is thermally sealed to the outer perimeter band of the electrode substrate void of activated carbon to form a first pocket on one side of the electrode substrate and a second pocket on the opposite side of the electrode substrate. The method also includes inserting a first polymerizable monomer mixture having an anion exchange group into the first pocket of the envelope and inserting a second polymerizable monomer mixture having a cation exchange group into the second pocket of the envelope. The first and second polymerizable monomers mixtures are then polymerized in an oven.

No. of Pages: 14 No. of Claims: 7

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

:WO 2012/165236

:NA

(54) Title of the invention: CONTROL DEVICE FOR LIFT CONVEYANCE DEVICE MECHANICAL PARKING DEVICE AND CONTROL METHOD FOR LIFT CONVEYANCE DEVICE

(51) International classification (31) Priority Document No :2011122435 (32) Priority Date :31/05/2011 (33) Name of priority country :Japan (86) International Application No :PCT/JP2012/063092

Filing Date :22/05/2012

(87) International Publication No (61) Patent of Addition to Application

Number Filing Date

(62) Divisional to Application Number Filing Date

:NA :NA :NA

:E04H6/18,H02P29/00 (71)Name of Applicant :

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(72)Name of Inventor:

1)NODA Seiichi

2)IKEDA Yoshitake

3)FUJIKAWA Hiroyasu

4)HARA Kazuya

5)HATANO Takamasa

6)KAWASHIMA Tsunehiro

7)SAISHO Masaaki

(57) Abstract:

The purpose of the present invention is to reduce the time it takes for a vehicle carrying lift conveyance device to move up and down. A mechanical parking device that uses a lifting motor (36) to raise and lower said lift conveyance device which moves up and down together with a vehicle carried thereby is provided with a control device (30) for said lift conveyance device. When a vehicle carried by the lift conveyance device is to be put in storage the control device estimates the weight of said vehicle and on the basis of the estimated vehicle weight derives the acceleration deceleration and maximum speed to use when raising/lowering the lift conveyance device. A motor control unit (38) in the aforementioned control device (30) then controls the lifting motor (36) such that: the lift conveyance device on which the vehicle is stopped is accelerated on the basis of the derived acceleration; and upon reaching the derived maximum speed the lift conveyance device is decelerated on the basis of the derived deceleration thus stopping at a pre specified floor.

No. of Pages: 96 No. of Claims: 24

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE AND METHOD FOR DETERMINING POSITION USING ACCELEROMETERS

(51) International classification :B66B1/34,B66B11/08,B66B1/30 (71)Name of Applicant: (31) Priority Document No 1)OTIS ELEVATOR COMPANY :NA (32) Priority Date Address of Applicant :Ten Farm Springs Farmington CT :NA (33) Name of priority country 06032 U.S.A. :NA (86) International Application (72)Name of Inventor: :PCT/US2011/021050 1)KANG Keunmo :13/01/2011 Filing Date 2) VERONESI William A. (87) International Publication 3)THORNTON Robert K. :WO 2012/096662 4)MARVIN Daryl J. (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

An exemplary device for determining a position of a component moved by operation of a motor includes a rotating member that rotates responsive to operation of the motor. At least one accelerometer is supported on the rotating member. The accelerometer provides at least one of an indication of a tangential force that is tangential to a direction of rotation of the rotating member and a radial force that is perpendicular to the tangential force. A controller determines the position of the component based upon the force indication from the accelerometer

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

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ORAL CARE IMPLEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:23/12/2010 :WO 2012/087323 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York New York 10022 U.S.A. (72)Name of Inventor: 1)JIMENEZ Eduardo
Filing Date	:NA	

(21) Application No.5005/DELNP/2013 A

(57) Abstract:

An oral care implement that rotates about a longitudinal axis. In one aspect the invention can be an oral care implement comprising: a head; a handle extending along a longitudinal axis and having a flat base surface; a mechanical vibratory device operatively connected to a power source the mechanical vibratory device comprising an eccentric imparting movement to the head when activated; and wherein the flat base surface is oriented relative to the longitudinal axis of the handle so that the oral care implement can stand in a self supporting upright orientation on a horizontal flat surface and wherein when the oral care implement stands in the self supporting upright orientation and the mechanical vibratory device is activated the oral care implement rotates about the longitudinal axis while maintaining the self supporting upright orientation.

No. of Pages: 25 No. of Claims: 28

(21) Application No.5006/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : AQUEOUS ORAL CARE COMPOSITION COMPRISING XANTHAN GUM CELLULOSE GUM AND CARBOMER

(57) Abstract:

Described herein are aqueous compositions comprising polymers which deliver a polymer film to surfaces of the oral cavity to relieve dry mouth; and methods of preparing and using the same.

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

(21) Application No.5007/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: FLUID COMPOSITIONS COMPRISING A STRUCTURING AGENT

(51) International classification :A61K8/19,A61K8/21,A61K8/73 (71)Name of Applicant:

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application :PCT/US2010/061960 No :23/12/2010

Filing Date

(87) International Publication No:WO 2012/087326 (61) Patent of Addition to

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

Number :NA Filing Date

1) COLGATE PALMOLIVE COMPANY

Address of Applicant :300 Park Avenue New York New York

10022 U.S.A.

(72)Name of Inventor: 1)PIMENTA Paloma

2)NESTA Jason

(57) Abstract:

Described herein are oral fluid compositions comprising one or more structuring agents and methods of making and using the same.

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

(21) Application No.4857/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DELIVERY CARRIER FOR ANTIMICROBIAL ESSENTIAL OILS

(51) International classification	:A01N65/00,A01N65/22,A01N65/24	(71)Name of Applicant: 1)NESTEC S.A.
(31) Priority Document No	:10193722.5	Address of Applicant :Av. Nestl 55 CH 1800 Vevey
(32) Priority Date	:03/12/2010	Switzerland
(33) Name of priority	:EPO	(72)Name of Inventor:
country		1)GEHIN DELVAL Ccile
(86) International	:PCT/EP2011/070941	2)APPOLONIA NOUZILLE Corinne
Application No Filing Date	:24/11/2011	3)NG Seow Leng
(87) International Publication No	:WO 2012/072488	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a use of an emulsion comprising an antimicrobial essential oil acacia gum and water for improving the antimicrobial effect of the essential oil in an aqueous composition particularly in a food or beverage composition. Further the invention relates to a process to improve the antimicrobial effect of an essential oil and aqueous compositions comprising an emulsion of an antimicrobial essential oil acacia gum and water.

No. of Pages: 32 No. of Claims: 11

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BEVERAGE PREPARATION MACHINE WITH DROP COLLECTOR

(51) International classification :A47J31/60,A47J31/36,B67D1/07 (71)Name of Applicant: (31) Priority Document No :10193234.1 1)NESTEC S.A. (32) Priority Date :01/12/2010 Address of Applicant : Av. Nestl 55 CH 1800 Vevey (33) Name of priority country :EPO Switzerland (86) International Application (72)Name of Inventor: :PCT/EP2011/071547 1)M-RI Peter :01/12/2011 Filing Date (87) International Publication :WO 2012/072758 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A machine (1) for preparing a beverage (2) comprises: a seat (10) having at least one part (11) that is movable between a transfer position for introducing a beverage ingredient into the seat and/or removing said ingredient therefrom and a processing position for forming said beverage from the ingredient in the seat; an outlet (20) for dispensing said beverage upon formation in the seat; and a drop collector (30) for collecting drops (2) from the outlet. This movable part (11) of the seat (10) the outlet (20) and the drop collector (30) are associated in particular connected so that the drop collector and the outlet are relatively moved into: a drop collection configuration for the drop collect drops (2) from the outlet when the movable part of the seat is in the transfer position; and/or a dispensing configuration for dispensing the formed beverage (2) from the outlet into a dispensing zone (25) in particular a zone arranged for receiving a recipient such as a cup or a mug when the movable part of the seat is in the processing position.

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

:NA

(21) Application No.4859/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BEVERAGE MACHINE WITH RELIABLE USER INDICATOR

(51) International classification: A47J31/44,A47J31/36,A47J31/52 (71) Name of Applicant: :10193230.9 (31) Priority Document No 1)NESTEC S.A. (32) Priority Date :01/12/2010 Address of Applicant : Av. Nestl 55 CH 1800 Vevey (33) Name of priority country Switzerland :EPO (86) International Application (72)Name of Inventor: :PCT/EP2011/071551 1)AGON Fabien Ludovic :01/12/2011 Filing Date 2)GAVILLET Gilles (87) International Publication 3)M-RI Peter :WO 2012/072761 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

A beverage machine comprises: a processing unit (60) that has a flavouring module (10) for mixing liquid with a flavouring ingredient to form a flavoured beverage and that has a liquid drive arrangement (65) for in taking liquid from a source (200) of liquid and driving said liquid to the flavouring module and that has an outlet (12) for guiding a flavoured beverage from the flavouring module to a beverage dispensing area (12); and a user interface that is connected to the processing unit and that has an indicator for indicating a status of the processing unit. The indicator (1 2 3 4 5 6 7) is displaceable in particular relatively to the processing unit in a manner visible from outside such machine by a mechanical magnetic and/or thermal actuation thereof by the processing unit changing status.

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

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MOLDING DEVICE AND MOLDING METHOD BY THE MOLDING DEVICE

(51) International classification (31) Priority Document No	:B29C33/02 :2010288977	(71)Name of Applicant : 1)CAP CO.LTD
(32) Priority Date (33) Name of priority country	:24/12/2010 :Japan	Address of Applicant :2022 2NakagawaMori machiShuuchi gun Shizuoka 4370223 Japan
(86) International Application No	:PCT/JP2011/079610	(72)Name of Inventor:
Filing Date (87) International Publication No	:21/12/2011 :WO 2012/086675	1)Takai Mitsuo
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

Provided are a molding device and a molding method by the molding device wherein a molding portion of a die can be heated by a simple structure while ensuring the durability of the molding portion. A molding device (100) is provided with a first die (110) and a second die (120) for molding a product (PR) to be molded. The first die (110) and the second die (120) are respectively formed with a first molding portion (111) and a second molding portion (121) at mutually opposing center portions of the dies. The first molding portion (111) and the second molding portion (121) are respectively formed with three dimensional shapes corresponding to the surface shape of the product (PR). Thermal/electrical insulation bodies (113 124) are provided around the first molding portion (111) and the second molding portion (121) of the first die (110) and the second die (120). Further the first die (110) and the second die (120) are connected to a power feeding device (136) through input/output electrodes (132 133) and are joined by joint electrodes (134 135) so as to be electrically connected or disconnected.

No. of Pages: 61 No. of Claims: 9

(21) Application No.4788/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : ORAL CARE KIT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:22/12/2010 :WO 2012/087317 :NA :NA :NA	(71)Name of Applicant: 1)COLGATE PALMOLIVE COMPANY Address of Applicant: 300 Park Avenue New York NY 10022 U.S.A. (72)Name of Inventor: 1)HOHLBEIN Douglas 2)XI Wen Jin
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An oral care kit includes a plurality of oral care implements each comprising a handle having a head at one end of the handle. The heads have at least one cleaning element projecting outwards from the heads. At least one dispenser is included separate from the oral care implements. The dispenser contains an amount of the oral care material. At least one package has a first chamber shaped to contain the plurality of oral care implements and a second chamber shaped to contain the dispenser. The second chamber is separate from the first chamber by a separable connector.

No. of Pages: 45 No. of Claims: 21

(21) Application No.4789/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :29/05/2013 (43) Publication Date : 28/11/2014

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

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F02D45/00 :NA :NA :NA :PCT/JP2012/066253 :26/06/2012 :WO 2014/002185 :NA :NA :NA	(71)Name of Applicant: 1)SHINDENGEN ELECTRIC MANUFACTURING CO. LTD. Address of Applicant: 2 1 Ohtemachi 2 chome Chiyoda ku Tokyo 1000004 Japan (72)Name of Inventor: 1)KAWASUMI Shinji
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(57) Abstract:

A drive control method whereby the position of the rotational angle of an engine after normal rotational driving is determined on the basis of: information regarding whether the rotational angle of the engine has passed a first top dead center due to normal rotational movement when the engine is rotated normally with a predetermined reference torque; the amount of normal rotational movement by which the engine has moved in the normal rotational direction; and the amount of reverse rotational movement by which the engine has moved in the reverse rotational direction.

No. of Pages: 50 No. of Claims: 10

(21) Application No.4969/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TAPE AND PRODUCTS CONTAINING THE SAME

(51) International classification :D04H3/04,B32B3 (31) Priority Document No :10194966.7 (32) Priority Date :14/12/2010

(33) Name of priority country :EPO

(86) International Application No:PCT/EP2011/072645

Filing Date :13/12/2011 (87) International Publication No :WO 2012/080274

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application

NA

NA

Number :NA Filing Date

:D04H3/04,B32B5/26,F41H5/04 (71)**Name of Applicant :** :10194966.7 **1)DSM IP ASSETS B.V.**

Address of Applicant :Het Overloon 1 NL 6411 TE Heerlen

Netherlands

(72)Name of Inventor: 1)MARISSEN Roelof 2)PUTTEN VAN Koen

3) VERSPAGEN Antoon Maria

(57) Abstract:

The invention relates to a fibrous tape comprising fused polymeric fibers said fibrous tape having a tape thickness and a tape width and being characterized by a coefficient of variation (CV) of the tape thickness across the tape width of at most 6%.

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

(21) Application No.4970/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FLOATING BIOREACTOR SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:27/10/2011 :WO 2012/091787 :NA	(71)Name of Applicant: 1)KAW Eros G. Address of Applicant: 515 Hillsdale Blvd. San Mateo CA 94403 U.S.A. (72)Name of Inventor: 1)KAW Eros G.
(61) Patent of Addition to Application		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An aeration and microbial reactor system for use in decontaminating water including a housing adapted to float within the medium such that a top portion thereof remains adjacent a top surface of the contaminated water while the bioreactor containing inoculated carrier media is attached below. Beneficial microbial populations thrive and spread throughout the liquid medium and consume or fix the contaminant such that the contaminant is removed from the water.

No. of Pages: 41 No. of Claims: 9

(21) Application No.4971/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: POLYCYCLIC LPA1 ANTAGONIST AND USES THEREOF

(51) International classification :A61K31/42,C07D261/14,A61P37/08

(31) Priority Document No :61/420599 (32) Priority Date :07/12/2010 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2011/063817

Filing Date :07/12/2011

(87) International Publication No :WO 2012/078805

(61) Patent of Addition to Application Number Filing Date :NA

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

(71)Name of Applicant:

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Princeton New Jersey 08543 4000 U.S.A.

2)BRISTOL MYERS SQUIBB COMPANY

(72)Name of Inventor:

1)BRITTAIN Jason Edward 2)SEIDERS Thomas Jon 3)KING Christopher David 4)ROSSO Victor W.

(57) Abstract:

Described herein is the LPA1 antagonist 1 {4 [3 methyl 4 ((R) l phenyl ethoxycarbonylamino) isoxazol 5 yl] biphenyl 4 yl} cyclopropanecarboxylic acid (Compound 1) or pharmaceutically acceptable salts thereof. Also described are methods of preparing the LPA1 antagonist or pharmaceutically acceptable salts thereof as well as pharmaceutical compositions suitable for administration to a mammal that include the LPA1 antagonist or pharmaceutically acceptable salt thereof and methods of using such pharmaceutical compositions for treating LPA dependent or LPA mediated diseases or conditions.

No. of Pages: 160 No. of Claims: 20

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SPAM REPORTING AND MANAGEMENT IN A COMMUNICATION NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 		(71)Name of Applicant: 1)ALCATEL LUCENT Address of Applicant: 3 avenue Octave Grard F 75007 Paris France (72)Name of Inventor: 1)CAI Yigang 2)SHANKER Gyan
. , 1		
. ,		
	:WO 2012/078318	2)SHANKER Gyan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Systems and methods are disclosed for reporting spam detected in a communication network. Entities in the network detect that an electronic message comprises spam and generate a spam report for the electronic message. The spam report is in a format that is enhanced with newly defined fields. A spam center (130) in the network receives the spam reports from the entities and processes the spam reports to generate spam rules for detecting spam in electronic messages transported over the communication network. The spam center (130) then selectively distributes the spam rules to one or more of the entities of the communication network based on an analysis of the spam reports. The entities may then use the spam rules to detect spam in other electronic messages that are transported over the communication network.

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

(21) Application No.4852/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROCESS FOR CONTROLLED LIQUEFACTION OF A BIOMASS FEEDSTOCK BY TREATMENT IN HOT COMPRESSED WATER

(51) International classification :C13K1/02,B01J3/00,C07H1/00 (71)Name of Applicant : (31) Priority Document No 1)REAC FUEL AB :10511459 (32) Priority Date :01/11/2010 Address of Applicant : John Ericssonsvg 1 S 223 63 Lund (33) Name of priority country :Sweden (86) International Application No :PCT/SE2011/051292 (72)Name of Inventor: Filing Date :28/10/2011 1)EKMAN Rune (87) International Publication No: WO 2012/060767 2)GRAM Andreas (61) Patent of Addition to 3)JHANNESSON Haukur :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present invention describes a process for a controlled conversion of a biomass feedstock wherein the process comprises the steps of: loading the biomass feedstock to at least one reactor; liquefaction of the biomass feedstock into a monomer and/or oligomer sugar mixture in said reactor by treatment in hot compressed liquid water (HCW) at subcritical and/or supercritical condition wherein the liquefaction is performed at a temperature of at least 280 °C during a time of from 1.5 to 30 seconds; and removal of the monomer and/or oligomer sugar mixture being the product molecules to avoid continued detrimental decomposition.

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

(21) Application No.4853/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR PROVIDING A TRANSPORT UNIT A TRANSPORT UNIT AND A CEILING TILE

(51) International classification :B65D71/02,B65D71/04,B65D85/16

(31) Priority Document No :10193655.7 (32) Priority Date :03/12/2010

(33) Name of priority country: EPO

(86) International PCT/EP2011/071636
Application No

Application No :02/12/2011 Filing Date

(87) International Publication :WO 2012/072800

(61) Patent of Addition to

Application Number Filing Date :NA

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

:NA

(71)Name of Applicant:

1)SAINT GOBAIN ECOPHON AB

Address of Applicant :Box 500 S 260 61 Hyllinge Sweden

(72)Name of Inventor:
1)WILKENS Jan

(57) Abstract:

The present invention relates to a method for providing a transport unit (100) comprising a plurality of ceiling tiles (1 1a 1b 1c) made of mineral fibres and a binder. Each ceiling tile (1 1a 1b 1c) includes a front surface a rear surface at least one side surface and a front surface layer (10) arranged on the front surface. The method comprises arranging said plurality of ceiling tiles (1 1a 1b 1c) in a at least one stack (30) including a top ceiling tile (1a) a bottom ceiling tile (1b) and at least one intermediate ceiling tile (1c) wherein the front surface layer (10) of each intermediate ceiling tile (1c) is facing a front surface layer (10) of an adjacent ceiling tile (1a 1b 1c) compressing said at least one stack (30) to a compressed state and securing said at least one stack (30) in said compressed state. The invention further relates to a transport unit (100) and to a ceiling tile (1).

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

(21) Application No.5000/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: HIGH PRESSURE PUMP

(51) International classification :F04B1/04,F04B1/047,F04B9/04 (71) Name of Applicant:

(31) Priority Document No :10 2010 063 328.3

(32) Priority Date :17/12/2010 (33) Name of priority country :Germany

(86) International Application No:PCT/EP2011/072551

Filing Date :13/12/2011

(87) International Publication No: WO 2012/080214

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)AMBROCK Sascha

(57) Abstract:

A high-pressure pump (l) which serves in particular as a radial piston pump or inline piston pump for fuel injection systems of aircompressing, self-igniting internal combustion engines comprises a pump assembly (15) and a drive shaft (6). The drive shaft (6) has a cam (9) which is assigned to the pump assembly (15), the pump assembly (15) comprising a roller (33) which runs on a running surface (34) of the cam (9), and a roller shoe (30) which has a bearing surface (32). The roller (33) is mounted on the bearing surface (32) of the roller shoe (30), a temperature-induced expansion of the roller (33) being greater than a temperature-induced expansion of the roller shoe (30) at its bearing surface (32). In this way, an increase in bearing play between the roller (33) and P the bearing surface (32) of the roller shoe (30) in the event of a temperature increase can be limited.

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

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD FOR OPERATING A FUEL INJECTION SYSTEM OF AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F02D41/20 :10 2010 063 099.3 :15/12/2010 :Germany :PCT/EP2011/070784 :23/11/2011 :WO 2012/079933	(71)Name of Applicant: 1)ROBERT BOSCH GMBH Address of Applicant: Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor: 1)RODRIGUEZ AMAYA Nestor 2)RUTHARDT Siegfried
` '	5	
` /	:PCT/EP2011/070784	
Filing Date	:23/11/2011	1)RODRIGUEZ AMAYA Nestor
(87) International Publication No	:WO 2012/079933	2)RUTHARDT Siegfried
(61) Patent of Addition to Application	.NIA	3)STOECKLEIN Wolfgang
Number	:NA	4)BERGHAENEL Bernd
Filing Date	:NA	5)BEIER Marco
(62) Divisional to Application Number	:NA	6)RAPP Holger
Filing Date	:NA	

(57) Abstract:

The invention relates to a method for operating a fuel injection system of an internal combustion engine. The fuel injection system comprises an injector for the metered addition of a fuel to a combustion chamber of the internal combustion engine. The injector comprises an actuator, a control valve, and a nozzle needle. In the method, a voltage and/or a current is supplied to the actuator during an actuation period (dactive)- The actuator causes the control valve to carry out a stroke motion. By means of the stroke motion of the control valve, the nozzle needle opens and closes the injector. A further period (dciose, dci) is determined. The further period (dC|0Se, dei) ends with the closing time of the nozzle needle. A function is determined which links the actuation period (dactive) to £L the further period (dci0Se, dci). By means of the function, a shortest actuation period is determined, at which the nozzle needle opens and an injection is carried out. An opening delay period (doi) of the nozzle needle is determined depending on the shortest duration (dactive.min)-

No. of Pages: 22 No. of Claims: 13

(21) Application No.4797/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BREATHING APPARATUS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A61M11/00 :61/410134 :04/11/2010 :U.S.A. :PCT/US2011/059461 :04/11/2011 :WO 2012/061783 :NA	 (72)Name of Inventor: 1)GUSKY Michael H. 2)KARTEN Stuart Allan 3)BENTZLER Jeffrey Walter
(61) Patent of Addition to Application Number Filing Date	:NA	2)KARTEN Stuart Allan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A breathing apparatus includes an air delivery assembly and a nasal interface. The air delivery assembly includes at least one passage couple to a supply of air. The nasal interface includes a resilient pad having a first side configured to releasably couple with the air delivery assembly. A second side of the resilient pad is configured to engage at least a portion of a users nose. The nasal interface further includes a first air passage and a second air passage. The first air passage and the second air passage are configured to provide an air pathway between the air delivery assembly and a respective first nasal passage and second nasal passage of the user.

No. of Pages: 50 No. of Claims: 13

(22) Date of filing of Application :30/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ANTI SINGLE STRAND TYPE IV COLLAGEN POLYPEPTIDE ANTIBODY AND PHARMACEUTICAL OR AGENT FOR DIAGNOSING PREVENTING OR TREATING TUMOURS CONTAINING SAME

(51) International :C07K16/18,C12N5/10,A61K39/395

classification

:2010252193 (31) Priority Document No (32) Priority Date :10/11/2010 (33) Name of priority

:Japan

country (86) International

:PCT/JP2011/075762 Application No

:08/11/2011 Filing Date

(87) International Publication: WO 2012/063839

No

(61) Patent of Addition to :NA **Application Number** :NA

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

(71)Name of Applicant:

1)NIPPON KAYAKU KABUSHIKI KAISHA

Address of Applicant : Tokyo Fujimi Bldg. 1 11 2 Fujimi

Chiyoda ku Tokyo 1028172 Japan

(72)Name of Inventor:

1)MORITA Makoto 2)TOMURA Arihiro

3)SAIGA Kan

4)HAYASHI Toshihiko 5)SUGIHARA Hidemitsu 6)TOKUNAKA Kazuhiro 7)SATO Takamichi

8)IMAMURA Yasutada

(57) Abstract:

Provided is a monoclonal antibody that specifically recognises single strand type IV collagen polypeptides that are specifically expressed in immortalized cell strains and tumour tissue or a pharmaceutical a hybridoma strain a diagnostic agent or an agent for diagnosing preventing or treating tumours containing said monoclonal antibody.

No. of Pages: 70 No. of Claims: 20

(22) Date of filing of Application :30/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : SULFUR MODIFIED CHLOROPRENE RUBBER MOLDING THEREOF AND PRODUCTION METHOD THEREFOR

(31) Priority Document No (32) Priority Date	:C08C19/20,F16F1/36,F16F15/08 :2010263150 :26/11/2010	1)DENKI KAGAKU KOGYO KABUSHIKI KAISHA Address of Applicant :1 1 Nihonbashi Muromachi 2 chome
(33) Name of priority country (86) International Application No Filing Date	:Japan :PCT/JP2011/074507 :25/10/2011	Chuo ku Tokyo 1038338 Japan (72)Name of Inventor: 1)KOBAYASHI Naoki 2)SUZUKI Ryochi
(87) International Publication No	:WO 2012/070347	3)OSE Motohiro 4)ABE Yasushi
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Provided are a sulfur modified chloroprene rubber with reduced heat generating properties a molding thereof and a production method therefor. A sulfur modified chloroprene rubber is provided wherein: the ends of the polymer are modified by at least one kind of compound selected from tetramethylthiuram disulfide tetralkylthiuram disulfides having C alkyl groups and dialkyl dithiocarbamates having C alkyl groups; the 1H NMR spectrum measured in a deuterated chloroform solvent has peak tops at 3.55 3.61 ppm and 3.41 3.47 ppm and the ratio (A/B) of the 3.55 3.61 ppm peak area (A) to the 4.2 6.5 ppm peak area (B) is 0.05/100~0.50/100; and the amount extracted by an azeotropic ethanol/toluene mixture as provided by JIS K 6229 is 3.0~9.0~mass%.

No. of Pages: 41 No. of Claims: 6

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : USE OF A NITROGEN FREE PEROXYGEN RELEASING COMPOUND TO REDUCE GROWTH OF CONTAMINANT MICROORGANISMS IN ETHANOL FERMENTATION

(51) International classification (31) Priority Document No	:C12P7/06 :61/425049	(71)Name of Applicant : 1)E. I. du Pont de Nemours and Company
(32) Priority Date	:20/12/2010	Address of Applicant :1007 Market Street Wilmington
(33) Name of priority country	:U.S.A.	Delaware 19898 U.S.A.
(86) International Application No	:PCT/US2011/066304	(72)Name of Inventor:
Filing Date	:20/12/2011	1)SOLOMON Ethan Baruch
(87) International Publication No	:WO 2012/088185	2)OKULL Derrick Otieno
(61) Patent of Addition to Application	:NA	3)TUFANO Thomas Peter
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for controlling growth of contaminant microorganisms in a fermentation process using a nitrogen free peroxygen releasing compound. The method comprises adding the nitrogen free peroxygen releasing compound to one or more steps of a fermentation process. In this method the a nitrogen free peroxygen releasing compound may be added to one or more components of a fermentation broth comprising inoculant fermentable sugar and process water.

No. of Pages: 35 No. of Claims: 23

(21) Application No.5040/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ORAL PHARMACEUTICAL TABLET FOR CONTROLED RELEASE OF MESALAZINE AND PROCESS FOR OBTAINING IT

(51) International :A61K9/20,A61K9/28,A61K31/606

classification

(31) Priority Document No :10382355.5 (32) Priority Date :27/12/2010 (33) Name of priority country: EPO

(86) International Application :PCT/EP2011/073983

No

:23/12/2011 Filing Date

(87) International Publication :WO 2012/089677

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)LABORATORIOS LICONSA S. A.

Address of Applicant: Gran Via Carles III 98 7". Edif. Trade E

08028 Barcelona Spain (72)Name of Inventor:

1)LOECHES BLAS David

2) VARAS FERNNDEZ MOLINA Roberto

3)MART NEZ P‰REZ Mercedes

(57) Abstract:

The invention provides an oral pharmaceutical tablet for controlled release of mesalazine or a pharmaceutically acceptable salt thereof as active ingredient with a core and a gastro resistant outer coating wherein the core comprises mesalazine and a hydrophilic matrix consisting of a mixture of hydroxypropylmethyl cellulose (HPMC) having a different viscosity and the gastro resistant outer coating comprises a pH dependent release polymer with the pharmaceutically acceptable excipients. The invention also refers to the process for obtaining said oral pharmaceutical tablet and to said oral pharmaceutical tablet of controlled release of mesalazine for treating ulcerative colitis.

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

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PYRROLIDINE COMPOUND FOR USE IN THE PREPARATION OF PNP INHIBITORS

(51) International classification	:C07D 207/12	(71)Name of Applicant:
(31) Priority Document No	:533360	1)CALLAGHAN INNOVATION RESEARCH LIMITED
(32) Priority Date	:04/06/2004	Address of Applicant :GRACEFIELD RESEARCH CENTRE,
(33) Name of priority country	:New Zealand	69 GRACEFIELD ROAD, LOWER HUTT, WELLINGTON,
(86) International Application No	:PCT/NZ2005/000114	NEW ZEALAND New Zealand
Filing Date	:03/06/2005	(72)Name of Inventor:
(87) International Publication No	:WO 2005/118532	1)LENZ DIRK HENNING
(61) Patent of Addition to Application	:NA	2)MASON JENNIFER MARY
Number	:NA	3)CLINCH KEITH
Filing Date	.11/1	4)EVANS GARY BRIAN
(62) Divisional to Application Number	:7305/DELNP/2006	5)TYLER PETER CHARLES
Filed on	:03/06/2005	

(57) Abstract:

A process for preparing (3R,4R)-3-hydroxy-4-hydroxymethylpyrrolidine, the compound of formula (I), or (3S,4S)-3-hydroxy-4-hydroxymethylpyrrolidine, the compound of formula (Ia) involving, as a key step, the enzyme-catalysed enantioselective hydrolysis of a racemic 3,4-trans-disubstituted pyrrolidinone compound of formula (II).

No. of Pages: 30 No. of Claims: 2

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: IMPROVEMENTS RELATING TO FUEL ECONOMY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C10L1/195 :10194245.6 :08/12/2010 :EPO :PCT/EP2011/072205 :08/12/2011 :WO 2012/076653	(71)Name of Applicant: 1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. Address of Applicant: Carel van Bylandtlaan 30 NL 2596 HR The Hague Netherlands (72)Name of Inventor: 1)BRUNNER Andreas Hugo 2)LOUIS Jurgen Johannes Jacobus
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		1
(87) International Publication No	:WO 2012/076653	1)BRUNNER Andreas Hugo
(61) Patent of Addition to Application	.NTA	2)LOUIS Jurgen Johannes Jacobus
Number	:NA	3)SCH,,FER Andreas
Filing Date	:NA	4)WILLIAMS Rodney Glyn
•	. N.T. A	4) WILLIAMS Rouncy Glyn
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The use of a viscosity increasing component in an diesel fuel composition is described for the purpose of improving the fuel economy of an engine or of a vehicle powered by such an engine. The viscosity increasing component is a viscosity index (VI) improving additive such as a polystyrene polyisoprene stellate copolymer. The diesel fuel may comprise a biofuel. Methods of using a viscosity increasing component for purposes of improving fuel economy and methods of operating a compression ignition engine are also described

No. of Pages: 50 No. of Claims: 15

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DRIVE CONTROL DEVICE AND POWER GENERATION CONTROL METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02P9/04,F02D45/00 :NA :NA :NA :PCT/JP2012/063767 :29/05/2012 :WO 2013/179388 :NA :NA :NA	(71)Name of Applicant: 1)SHINDENGEN ELECTRIC MANUFACTURING CO. LTD. Address of Applicant: 2 1 Ohtemachi 2 chome Chiyoda ku Tokyo 1000004 Japan (72)Name of Inventor: 1)KAWASUMI Shinji
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(57) Abstract:

A power generation control method determines whether each peak of the reciprocal of the rotation speed measured in a plurality of consecutive cycles of a 4 stroke engine is equal to or smaller than a first threshold and equal to or greater than a second threshold. If the first peak of the reciprocal of the rotation speed measured in the first cycle following the plurality of consecutive cycles is not equal to or smaller than the second threshold it is determined whether the first peak is equal to or greater than a third threshold which is higher than the first threshold. If the second peak of the reciprocal of the rotation speed measured in a second cycle after the first cycle is equal to or smaller than a fourth threshold the target voltage for generating power by a generator the rotary shaft of which is connected to the crankshaft of the 4 stroke engine is switched from the voltage in the normal state to a voltage during acceleration which is lower than the voltage in the normal state.

No. of Pages: 53 No. of Claims: 22

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BATTERY CHARGING DEVICE AND BATTERY CHARGING METHOD

(51) International classification	:H05B37/02,B60Q1/04,H05B39/00	(71)Name of Applicant: 1)SHINDENGEN ELECTRIC MANUFACTURING CO.
(31) Priority Document No	:NA	LTD.
(32) Priority Date	:NA	Address of Applicant :2 1 Ohtemachi 2 chome Chiyoda ku
(33) Name of priority country	:NA	Tokyo 1000004 Japan
(86) International Application No Filing Date	:PCT/JP2012/069431 :31/07/2012	(72)Name of Inventor : 1)TAKASHIMA Toyotaka
(87) International Publication No	:WO 2014/020689	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In a battery voltage adjusting circuit when an output voltage for a generator terminal output by a single phase alternating current generator has a negative polarity a control circuit turns a first switch element on when a comparative value which is an effective value or an average value for a lamp voltage for a lamp terminal is less than a target voltage. Meanwhile when the output voltage has a positive polarity the control circuit turns a third switch element on when the comparative value is less than a threshold voltage which is lower than the target voltage and turns on a second switch element when the battery voltage for a battery is less than a prescribed voltage.

No. of Pages: 35 No. of Claims: 7

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHODS AND DEVICES FOR SONOGRAPHIC IMAGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:09/11/2011 :WO 2012/064866 :NA :NA	(71)Name of Applicant: 1)FEMASYS INC. Address of Applicant:5000 Research Court Suite 100 Suwanee GA 30024 U.S.A. (72)Name of Inventor: 1)LEE SEPSICK Kathy 2)AZEVEDO Max S.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

The present invention comprises methods and devices for generating and providing contrast medium for sonography of structures such as ducts and cavities. The invention provides for creation of a contrast medium comprising detectable acoustic variations between two phases for example a gas and a liquid. Sonography is the primary means of imaging but other conventional detection means may also be employed with the present invention.

No. of Pages: 62 No. of Claims: 21

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VACUUM CHAMBER METHOD TO FORM POLYMER COATINGS ON POROUS SUPPORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01M4/88,H01M4/96 :NA :NA :NA :PCT/CN2010/002227 :31/12/2010 :WO 2012/088643 :NA :NA :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor: 1)BARBER John 2)YANG Hai 3)LU Su 4)MACDONALD Russell James 5)DENG Zhigang 6)GAO Xin
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(57) Abstract:

A bi-polar electrode having ion exchange polymers on opposite faces (13A 13B) of a porous substrate is formed using a method that includes providing an electrode substrate (12) with activated carbon layers on opposite faces (13A 13B) of the electrode substrate (12) wherein said faces have an outer perimeter band (14) void of the activated carbon layers. Gaskets (16A 16B) are placed against the outer perimeter band (14) of the electrode substrate (12) void of activated carbon and the electrode substrate (12) is clamped between two rigid plates (18A 18B) to form a first airtight chamber (20A) on one side (15A) of the electrode substrate (12) and a second airtight chamber (20B) on the opposite side (15B) of the electrode substrate (12). A first polymerizable monomer mixture having an anion exchange group is added into the first chamber (20A) and a second polymerizable monomer mixture having a cation exchange group is added into the second chamber (20B). The first and second polymerizable monomer mixtures are then polymerized in an oven.

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

(21) Application No.4907/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ABSORBENT ARTICLE COMPRISING CYCLODEXTRIN COMPLEX

(51) International :A61L15/28,A61L15/26,A61L15/46 classification

(31) Priority Document No :10015886.4 (32) Priority Date :21/12/2010

(33) Name of priority country: EPO

(86) International Application :PCT/US2011/065758

:19/12/2011 Filing Date

(87) International Publication :WO 2012/087891 No

(61) Patent of Addition to :NA **Application Number**

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

Number :NA Filing Date

(71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A. (72)Name of Inventor:

1)CAPUTI Mariangela

2)POURCEL Magali Fabienne

(57) Abstract:

An absorbent article comprises a topsheet a backsheet an absorbent core disposed between the topsheet and backsheet and a cyclodextrin complex that is disposed in a layer of the absorbent article that is closer to the body facing surface of the absorbent article than the absorbent core. The cyclodextrin complex comprises cyclodextrin and at least three components complexed with the cyclodextrin.

No. of Pages: 24 No. of Claims: 15

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TAP FOR PRESSURIZED FLUID AND TANK HAVING SUCH A TAP

(51) International classification :F16K31/52 (31) Priority Document No :1150227 (32) Priority Date :11/01/2011 (33) Name of priority country :France (86) International Application No Filing Date :28/11/2011 (87) International Publication No (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)LAIR LIQUIDESOCIETE ANONYME POUR LETUDE ET LEXPLOITATION DES PROCEDES GEORGES CLAUDE Address of Applicant: 75 Quai dOrsay F 75007 Paris France (72)Name of Inventor: 1)LIGONESCHE Renaud 2)DEBRY Tristan 3)DE POTTER Romuald
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(57) Abstract:

The invention relates to a tap for pressurized fluid with or without a built in pressure reducing valve including: a body (1) housing a fluid circuit (2) having an upstream end (3) to be placed in communication with a store of pressurized fluid and a downstream end (4) to be placed in communication with a user apparatus. The circuit (2) includes an isolation valve (5) for selectively closing the circuit (2). The valve (5) is controlled by a lever (8) pivotably mounted onto the body (1) between an inoperative position in which the isolation valve (5) is retained in a position for closing the circuit (2) and an operative position in which the lever (8) moves the isolation valve (5) into a position for opening the circuit (2). Said tap is characterized in that the lever (8) includes at least one opening (6) and in that when the lever (8) is in the operative position the inoperative position and/or an intermediate position between said two positions the opening (6) arranged inside same receives a portion of the body (1) of the tap and/or a portion of a functional member (7) mounted onto the body (1) of the tap.

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

(21) Application No.5063/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : COMBINED SURFACE ENHANCED AND SPATIALLY OFFSET RAMAN SPECTROSCOPY FOR BIOMOLECULE DETECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:61/416547 :23/11/2010 :U.S.A. :PCT/US2011/062057 :23/11/2011 :WO 2012/071523 :NA :NA	(71)Name of Applicant: 1)NORTHWESTERN UNIVERSITY Address of Applicant:633 Clark Street Evanston IL 60208 U.S.A. (72)Name of Inventor: 1)VAN DUYNE Richard P. 2)GLUCKSBERG Matthew R. 3)WALSH Joseph T. Jr. 4)YUEN Jonathan M. 5)SHAH Nilam C.
Filing Date	:NA	

(57) Abstract:

The present invention provides systems and methods employing a surface enhanced Raman biosensor and sensing devices for collecting spatially offset Raman spectra from the biosensor. In certain embodiments the present invention provides systems and methods for quantifying the concentration of an analyte in a subject and/or identifying the presence or absence of an analyte in a subject from a plurality of spatially offset Raman spectra generated from a surface enhanced Raman biosensor implanted in a subject.

No. of Pages: 44 No. of Claims: 20

(21) Application No.4922/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD OF MANUFACTURING A PUSH ROD OF A VACUUM INTERRUPTER

(51) International classification :B29C45/16,H01H33/66,H01H33/666

(31) Priority Document No :10015327.9 (32) Priority Date :03/12/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/006038

Application No
Filing Date

PC1/EP201
:02/12/2011

(87) International

Publication No :WO 2012/072261

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

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

(71)Name of Applicant : 1)ABB TECHNOLOGY AG

Address of Applicant : Affolternstrasse 44 CH 8050 Zurich

Switzerland

(72)Name of Inventor: 1)GENTSCH Dietmar

(57) Abstract:

Method (600) of manufacturing a push rod (100) for switching a vacuum interrupter with a step of moulding (601) the push rod (100) with a plastic material wherein the push rod (100) comprises a core component (101) adapted for receiving a spring element (203). The push rod (100) further comprises a rod component (102) which may comprise another second material wherein the core component (101) is embedded in the rod component (102) thereby forming the push rod (100).

No. of Pages: 15 No. of Claims: 12

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD AND SYSTEM FOR CONFIGURING A DEVICE FOR CORRECTING THE EFFECT OF A MEDIUM ON A LIGHT SIGNAL METHOD DEVICE AND SYSTEM FOR CORRECTING SAID EFFECT

(51) International classification	:G01B9/04,G02B27/40	(71)Name of Applicant:
(31) Priority Document No	:10196310.6	1)UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6)
(32) Priority Date	:21/12/2010	Address of Applicant :4 place Jussieu F 75005 Paris France
(33) Name of priority country	:EPO	2)CENTRE NATIONAL DE LA RECHERCHE
(86) International Application No	:PCT/EP2011/073535	SCIENTIFIQUE
Filing Date	:21/12/2011	3)ECOLE NORMALE SUPERIEURE
(87) International Publication No	:WO 2012/085046	4)AUSTRALIAN NATIONAL UNIVERSITY
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA :NA	1)MORIZUR Jean Fran§ois
Filing Date	.INA	2)BACHOR Hans
(62) Divisional to Application Number	:NA	3)TREPS Nicolas
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method and a system (400) for configuring a device (100) for correcting the effect of a medium (412) on a light signal (414) having propagated through said medium (412) said device (100) comprising at least one optical element (106 106) whose phase profiles is individually adjustable. The configuring system and method comprise propagating a reference signal (410) and a disordered signal (414) obtained at the output of the medium (412) through the correcting device (100). An interference parameter is measured and optimized by modifying the phase profile of each of the optical elements (106 106) of the correcting device (100). The invention also relates to a method and a system for correcting the effect of a medium on a light signal having propagated through said medium.

No. of Pages: 33 No. of Claims: 20

(22) Date of filing of Application :07/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: COMPOSITIONS AND METHODS FOR VACCINATING CATTLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K39/02 :61/421622 :09/12/2010 :U.S.A. :PCT/US2011/063219 :05/12/2011 :WO 2012/078484 :NA :NA :NA	(71)Name of Applicant: 1)BOEHRINGER INGELHEIM VETMEDICA INC. Address of Applicant: 2621 North Belt Highway St. Joseph Missouri 64506 2002 U.S.A. (72)Name of Inventor: 1)RINEHART Carol
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(21) Application No.5070/DELNP/2013 A

(57) Abstract:

(19) INDIA

The present invention relates to compositions, uses thereof, and methods of vaccinating cattle, particularly cows and heifers, against Leptospira borgpetersenii serovar hardjo (type hardjo-bovis) by using Leptospira interrogans serovar hardjo (type S hardjoprajitno).

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

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : BIOPSY DEVICE HAVING A RATCHET DRIVE MECHANISM FOR DRIVING A BIOPSY PROBE ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A61B10/02 :12/981597 :30/12/2010 :U.S.A. :PCT/US2011/065973 :20/12/2011 :WO 2012/092001 :NA :NA	(71)Name of Applicant: 1)C.R. BARD INC. Address of Applicant:730 Central Avenue Murray Hill NJ 07974 U.S.A. (72)Name of Inventor: 1)RANPURA Himanshu Mahesh 2)VAN LIERE Chad
(87) International Publication No(61) Patent of Addition to ApplicationNumber	:WO 2012/092001 :NA	7
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A biopsy device includes a first cannula having a first aperture a second cannula having a second aperture and a driver unit. The second cannula is disposed co axially with the first cannula. At least one of the first aperture and the second aperture has a cutting edge. The driver unit has a ratchet drive mechanism operatively coupled to the first cannula and the second cannula. The ratchet drive mechanism includes a first gear fixedly attached to the first cannula. A second gear is fixedly attached to the second cannula. A torsion spring has a first end portion connected to the first gear and a second end portion connected to the second gear. The torsion spring stores energy which when released drivably rotates one of the first gear and the second gear relative to the other of the first gear and the second gear.

No. of Pages: 31 No. of Claims: 19

(22) Date of filing of Application :07/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : FLUID HANDLING ASSEMBLY HAVING A MULTILAYERED COMPOSITE PIPE EMPLOYING A MECHANICAL COUPLING AND METHOD OF ASSEMBLING THE FLUID HANDLING ASSEMBLY

(51) International classification	n:F16L23/08,F16L13/10,F16L9/147	(71)Name of Applicant:
(31) Priority Document No	:61/421260	1)LUBRIZOL ADVANCED MATERIALS INC.
(32) Priority Date	:09/12/2010	Address of Applicant :9911 Brecksville Road Cleveland Ohio
(33) Name of priority country	:U.S.A.	44141 3247 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/063908 :08/12/2011	(72)Name of Inventor: 1)DAUGHERTY Kevin B. 2)SILLASEN Kevin M.
(87) International Publication No	:WO 2012/078842	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A fluid handling assembly includes a first pipe. The first pipe includes an inner layer made of a CPVC composition an intermediate layer made of a metal at least partially surrounding the inner layer and an outer layer made of a CPVC composition at least partially surrounding the intermediate layer. A first tubular coupling bushing has a first portion and a second portion. The first portion is coupled to the first pipe. The second portion has an engaging portion that is configured to engage to a mechanical fixture that sealingly engages the first pipe and a second pipe. A method of making the fluid handling assembly is also disclosed.

No. of Pages: 43 No. of Claims: 30

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FOIL STAMPED PARTS HAVING ASYMMETRICAL EDGES

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No		(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:
Filing Date	:20/12/2011	1)TILIKKA Norm H.
(87) International Publication No	:WO 2012/088053	2)BORRERO Susana E.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A part (92) that has an asymmetrical edge (94) coated with a decorative or protective coating. The part is coated with an apparatus (90) that includes a film dispenser (110) a film retriever (112) a mandrel (102); and a part holder (100). Preferably one or both of the mandrel and the part holder move in an angular relationship to one another and the film dispenser and the film retriever move co operatively in at least two dimensions with respect to the part holder. There is further provided a film (108) having a first edge (114) and a second edge (116) and the film can be a decorative coating a protective coating or combinations of these. The film dispenser holds the first edge of the film the film is positioned between the mandrel and the part holder and the film retriever holds the film second edge.

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

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SOUND MEASURING AND REGULATING DEVICE FOR A HORN

(51) International classification	:B60Q5/00,B60R16/03	(71)Name of Applicant:
(31) Priority Document No	:PI 10046798	1)GARIOS Wadih Antonio
(32) Priority Date	:04/11/2010	Address of Applicant :Av. Bar£o do Rio Branco 4400/301
(33) Name of priority country	:Brazil	Bom pastor Cidade Juiz de Fora MG CEP 36026 500 Brazil
(86) International Application No	:PCT/BR2011/000408	(72)Name of Inventor:
Filing Date	:01/11/2011	1)GARIOS Wadih Antonio
(87) International Publication No	:WO 2012/058741	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Patent of invention for The Horns Sound Regulating & Dispenser Device. Made by a control panel with switches(1), which by activating one of the switches, sends signals to be evaluated by the command module (2) that is connected to the relay (4), it activates the horn (5) processing a specific sound pre-programmed to that contact. Each control button (1) corresponds to a programmed sound, fulfilling the expectations of the 10 user. The aim being to regulate & dispense these sounds, creating a healthier environment for all, without interfering with the original setup of the wheels panel (3) which continues activating the factorys original horn.

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

(22) Date of filing of Application :07/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : SYSTEM FOR LAUNCHING AND RECOVERING UNDERWATER VEHICLES NOTABLY TOWED UNDERWATER VEHICLES

(57) Abstract:

The invention is a system for automatically and without human intervention launching and recovering marine or underwater vehicles from a carrier ship which remains under way in order to limit the amplitude of the pitching and rolling movements to which it is subjected. The system comprises an inclinable articulated ramp comprising a bottom and edges, and hauling means for controlling the sliding of the vehicle along the ramp during launch and for hoisting the vehicle up along the ramp during recovery. The ramp has a free end the heightwise position of which varies between an immersed position in which it dips down into the water and an emerged position in which the ramp is in a horizontal position. The system also comprises buoyancy means allowing the free end of the ramp to float at the surface or near the surface of the water when the ramp is lowered. The bottom of the articulated ramp also has an external face that is configured to form streamlining thus ensuring the fluidity of the end of the ramp in contact with the water and limiting the vertical dynamic movements caused by the waves.

No. of Pages: 28 No. of Claims: 9

(21) Application No.5079/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: INSECTICIDAL MIXTURES WITH IMPROVED PROPERTIES

(51) International :A01N43/40,A01P7/00,A01N57/14 classification

(31) Priority Document No :10194366.0 (32) Priority Date :09/12/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/071757

:05/12/2011 Filing Date

(87) International Publication :WO 2012/076471

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number Filing Date

:NA

(71)Name of Applicant:

1)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : Alfred Nobel Strasse 10 40789

Monheim Germany (72)Name of Inventor: 1)JESCHKE Peter 2) VELTEN Robert 3)OLENIK Britta

4)HUNGENBERG Heike

(57) Abstract:

The present invention relates to novel pesticidal compositions comprising the crystalline modification I of 4 {[(6 chloropyrid 3 yl)methyl](methyl)amino} furan 2() one and a insecticide acaricide or nematicide that show surprisingly good insecticidal acaricidal nematicidal and fungicidal activities. In particular these compositions are suited for the treatment of seed.

No. of Pages: 38 No. of Claims: 11

(22) Date of filing of Application :05/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ELECTRODEIONIZATION DEVICE AND METHOD WITH IMPROVED SCALING RESISTANCE

(51) International :B01D61/44,B01D61/50,C02F1/469 classification

(31) Priority Document No :12/980506 (32) Priority Date :29/12/2010

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

(86) International Application :PCT/US2011/063631

:07/12/2011

Filing Date

(87) International Publication: WO 2012/091863 No

(61) Patent of Addition to :NA **Application Number**

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

Filing Date (57) Abstract:

(71)Name of Applicant:

1)GENERAL ELECTRIC COMPANY

Address of Applicant: 1 River Road Schenectady NY 12345

(72)Name of Inventor:

1)GREBENYUK Oleg

2)GREBENYUK Vladimir

3)ZHANG Li 4)SIMS Keith J. 5)BARBER John

An electrodeionization apparatus includes an anode compartment provided with an anode and a cathode compartment spaced from the anode compartment and provided with a cathode wherein the anode and cathode are configured for coupling to a DC power source to effect an electric potential difference between the anode and the cathode and thereby influence transport of ionic material in liquid media and ion exchange media by the influence of the electric potential difference. The electrodeionization apparatus also includes a feed inlet receiving a feed solution a product water outlet and a plurality of anion exchange membranes and a plurality of cation exchange membranes alternately arranged between the anode compartment and the cathode compartment. The electrodeionization apparatus also includes a plurality of spacers wherein the spacers and the anion and cation exchange membranes are arranged to form a first diluting compartment receiving feed solution from the feed inlet a second diluting compartment in series with the first diluting compartment and delivering product water to the product water outlet a first concentrating compartment and a second concentrating compartment. The first and second diluting compartments are bounded by an anion exchange membrane on the side closest to the anode and by a cation exchange membrane on the side closest to the cathode. The first and second concentrating compartments are bounded by a cation exchange membrane on the side closest to the anode and by an anion exchange membrane on the side closest to the cathode.

No. of Pages: 22 No. of Claims: 14

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LONG FIBRE OPTIC SENSOR SYSTEM IN A WIND TURBINE COMPONENT

(51) International classification: G01D5/26,H04B10/18,F03D7/04 (71) Name of Applicant: (31) Priority Document No :1019956.0 1) VESTAS WIND SYSTEMS A/S (32) Priority Date :24/11/2010 Address of Applicant : Hedeager 44 DK 8200 Aarhus N (33) Name of priority country :U.K. Denmark (86) International Application (72)Name of Inventor: :PCT/DK2011/050446 1)GLAVIND Lars :23/11/2011 Filing Date 2)HJORT Thomas (87) International Publication 3)OLESEN Ib Svend :WO 2012/069058 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A sensor system for measuring an operating parameter of a wind turbine component is described. The fibre optic sensor system comprises a light source for outputting light in a predetermined range of wavelengths and an optical fibre comprising a long Fibre Bragg Grating extending continuously over a length of the optical fibre to provide a continuous measurement region in the optical fibre. The optical fibre is coupled to the wind turbine component such that the continuous measurement region is located at a region of the wind turbine component to be sensed and such that the grating period at each location in the continuous measurement period is dependent upon the value of the operating parameter at that location. The system further comprises a light detector for receiving light from the optical fibre and for providing an output signal to the controller indicating the intensity of the received light; and a controller coupled to the light detector for determining based on the detected light a value for the operating parameter. In a particular embodiment the system is used to monitor the generator in the wind turbine nacelle. The optical fibre with the long FBG grating can the be inserted into the coil windings or stator slot of the generator.

No. of Pages: 27 No. of Claims: 20

(21) Application No.4997/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE

(51) International :F02D41/24,F02D41/12,F02D41/40 classification

(31) Priority Document No :10 2010 063 097.7

(32) Priority Date :15/12/2010 (33) Name of priority country: Germany

(86) International Application :PCT/EP2011/071269

:29/11/2011 Filing Date

(87) International Publication :WO 2012/079970

No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant: 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)WALTER Michael 2)PALMER Joachim

A method for operating an internal combustion engine (12), in particular of a motor vehicle, is described. The internal combustion engine (12) comprises an injector (30) for metering fuel into a combustion chamber (16). In the method, the injector (30) is opened during an actuation period for metering a fuel quantity (q). A change in a rotational movement of the internal combustion engine (12) which results from the fuel quantity (q) is determined. A function is determined which logically links the actuation period with the change in the rotational movement. A minimum actuation period, during which the actuator (30) does not yet open, is determined by means of the function. An operating-point- P dependent actuation period (AD) of the injector (30) is determined as a function of the minimum actuation period.

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

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : PROCESS FOR PRODUCING PROPYLENE FROM SYNGAS VIA FERMENTATIVE PROPANOL PRODUCTION AND DEHYDRATION

(51) International classification	:C12P7/04.C07C11/06	(71)Name of Applicant:
(31) Priority Document No	:10195765.2	1)TOTAL RESEARCH & TECHNOLOGY FELUY
(32) Priority Date	:17/12/2010	Address of Applicant :Zone Industrielle C B 7181 Seneffe
(33) Name of priority country	:EPO	Belgium
(86) International Application No	:PCT/EP2011/072958	(72)Name of Inventor:
Filing Date	:15/12/2011	1)VERMEIREN Walter
(87) International Publication No	:WO 2012/080421	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Process for making propylene by dehydration of propanol involving the following steps: o Gasifying carbonaceous solid or liquid feedstock or reforming gaseous carbonaceous feedstock into synthesis gas o Fermenting the synthesis gas by means of a microorganism into substantially propanol or o Co Fermenting the synthesis gas with at least one liquid oxygenate by means of a microorganism into substantially propanol in which the microorganism Is a wild strain having the natural capability to ferment synthesis gas into substantially propanol or Is a microorganism possessing the required nucleic acid sequence information to express the enzymes of the biosynthesis of C oxygenates modified by conferring it with the required nucleic acid sequence information to express the enzymes of the Wood Ljungdahl pathway (reduced Acetyl CoA pathway) or Is a microorganism possessing the required nucleic acid sequence information to express the enzymes of the Wood Ljungdahl pathway (reduced Acetyl CoA pathway) modified by conferring it with the required nucleic acid sequence information to express the enzymes for the biosynthesis of C oxygenates. o Dehydrating said above stream in a reactor at conditions effective to dehydrate at least a portion of the propanol to make propylene.

No. of Pages: 76 No. of Claims: 20

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : USE OF SYNERGISTIC FORMULATIONS CONTAINING STABILIZED CHLORINE DIOXIDE AND QUATERNARY AMMONIUM TO REDUCE GROWTH OF CONTAMINANT MICROORGANISMS IN ETHANOL FERMENTATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12P7/06 :61/425037 :20/12/2010 :U.S.A. :PCT/US2011/066298 :20/12/2011 :WO 2012/096766 :NA :NA	(71)Name of Applicant: 1)E. I. DU PONT DE NEMOURS AND COMPANY Address of Applicant: 1007 Market Street Wilmington Delaware 19898 U.S.A. (72)Name of Inventor: 1)OKULL Derrick Otieno 2)SOLOMON Ethan Baruch 3)JORGE Pedro Goncalo Carvalhais Teixeira Dias 4)BIAZI Luiz Eduardo 5)GLYNN Scott C.
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(57) Abstract:

A method for controlling growth of contaminant microorganisms in a fermentation process and in a fermentation system using a composition comprising (a) stabilized chlorine dioxide (SCD) and (b) a quaternary ammonium compound (QAC). The method comprises adding SCD and QAC to one or more steps of a fermentation process. In this method the SCD and QAC may be added to one or more components of a fermentation broth comprising inoculant fermentable sugar and process water.

No. of Pages: 33 No. of Claims: 24

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PLASTICIZING SYSTEM INCLUDING OPPOSITE FACING SURFACES FOR CONTACTING OPPOSITE SIDES OF SOLIDIFIED RESIN PARTICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:18/01/2012 :WO 2012/102921 :NA :NA	(71)Name of Applicant: 1)HUSKY INJECTION MOLDING SYSTEMS LTD Address of Applicant:500 Queen Street South Bolton Ontario L7E 5S5 Canada (72)Name of Inventor: 1)BELZILE Manon Danielle
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A plasticizing system (100) for plasticizing a solidified resin particle (202) the plasticizing system (100) comprising: (A) opposite facing surfaces (104) being spaced apart from each other and defining at least in part a convergence channel (105) being configured to receive the solidified resin particle (202) and (B) a plunger assembly (124) being movable at least in part relative to the opposite facing surfaces (104) the plunger assembly (124) being configured to move at least in part the solidified resin particle (202) relative to the opposite facing surfaces (104) along at least in part the convergence channel (105).

No. of Pages: 27 No. of Claims: 8

(21) Application No.5087/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LUBRICANT COMPOSITION CONTAINING VISCOSITY INDEX IMPROVER

(51) International :C10M161/00,C10N10/02,C10N10/04 classification (31) Priority Document No :61/421764

(32) Priority Date :10/12/2010 (33) Name of priority :U.S.A.

country :U.S.A

(86) International Application No :PCT/US2011/063425

Filing Date :06/12/2011

(87) International Publication No :WO 2012/078572

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number

Sition Patent of Addition to
:NA
:NA
:NA

(71)Name of Applicant :

1)THE LUBRIZOL CORPORATION

Address of Applicant :29400 Lakeland Blvd. Wickliffe OH

44092 2298 U.S.A. (72)Name of Inventor :

1)HUANG Chor 2)PRICE David 3)KELLEY Jack

(57) Abstract:

Filing Date

The disclosed invention relates to lubricant compositions containing viscosity index improvers in the form of polymers comprising structural units derived from ethylene propylene and butylenes.

No. of Pages: 30 No. of Claims: 27

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A PROCESS FOR MAKING POLYUREA PARTICLES

(51) International classification :C08G18/08,C08G18/28,C08G18/32

(31) Priority Document No :11150833.9 (32) Priority Date :13/01/2011

(33) Name of priority country: EPO

(86) International PCT/EP2011/072899
Application No

Filing Date :15/12/2011

(87) International Publication :WO 2012/095236

No (61) Patent of Addition to

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)HUNTSMAN INTERNATIONAL LLC

Address of Applicant :500 Huntsman Way Salt Lake City

Utah 84108 U.S.A.

(72)Name of Inventor:

1)WOUTTERS Steve Andre 2)LINDSAY Chris Ian

(57) Abstract:

According to the invention a method for providing urea particles in a solvent medium is provided. The method comprises the steps of providing at least one polyisocyanate component dissolved in a first solvent; providing at least one isocyanate reactive polyamine component dissolved in a second solvent; providing at least one isocyanate reactive monoamine optionally dissolved in a third solvent; reacting the polyisocyanate component the polyamine component and the monoamine by combining the polyisocyanate component dissolved in the first solvent the polyamine component dissolved in the second solvent and the monoamine optionally dissolved in the third solvent thereby providing urea particles dispersed in a solvent medium the solvent medium comprising said first solvent the second solvent and optionally the third solvent whereby the monoamine is a monoamine soluble in the solvent medium.

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

(21) Application No.4935/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: AFFINITY CHROMATOGRAPHY MATRIX

(51) International

:B01D15/38,B01J20/281,C07K1/22

classification (31) Priority Document No

:61/424698 :20/12/2010

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

(86) International Application :PCT/SE2011/051537

Filing Date

:19/12/2011

(87) International Publication :WO 2012/087231

No

(61) Patent of Addition to **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number Filing Date

:NA

:NA

(71)Name of Applicant:

1)GE HEALTHCARE BIO SCIENCES AB

Address of Applicant: Patent Department Birkgatan 30 S 751

84 Uppsala Sweden

(72)Name of Inventor:

1)BJ-RKMAN Tomas

2)NOR‰N Bjorn

3)RODRIGO Gustav 4)VASIC Jelena

5)...BERG Per Mikael

(57) Abstract:

The present invention relates to a method of separating one or more immunoglobulin containing proteins from a liquid. The method includes first contacting the liquid with a separation matrix comprising ligands immobilised to a support; allowing the immunoglobulin containing proteins to adsorb to the matrix by interaction with the ligands; followed by an optional step of washing the matrix containing the immunoglobulin containing proteins adsorbed thereon; and recovering said immunoglobulin containing proteins by contacting the matrix with an eluent which releases the proteins. The method improves upon previous separation methods in that each of the ligands comprises one or more of a protein A domain (E D A B C) or protein Z or a functional variant thereof with at least one of the monomers having a substitution of the Asparagineor Histidine at the position corresponding to H18 of B domain of Protein A or Protein Z and wherein the ligand provides an increase in elution pH compared to non substituted ligand.

No. of Pages: 43 No. of Claims: 28

(21) Application No.4936/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PURIFICATION OF PRECURSOR COMPOUND BY CRYSTALLISATION

(51) International :C07C269/06,C07B59/00,C07C303/28

classification

(31) Priority Document No :1021530.9 (32) Priority Date :20/12/2010

(33) Name of priority :U.K.

country

(86) International :PCT/EP2011/073247 Application No

:19/12/2011 Filing Date

(87) International

:WO 2012/084831 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :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)NILSEN Anne

2)NILSEN Sondre

(57) Abstract:

Filing Date

The invention relates to a process for preparation of radiopharmaceutical precursors and in particular protected amino acid derivatives which are used as precursors for production of radiolabelled amino acids for use in imaging procedures such as positron emission tomography (PET). Particularly the invention relates to a process for preparation of a precursor useful in the preparation of the [F] 1 amino 3 fluorocyclobutanecarboxylic acid ([F] FACBC) PET tracer.

No. of Pages: 21 No. of Claims: 19

(21) Application No.4937/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: AFFINITY CHROMATOGRAPHY MATRIX

(51) International

:B01D15/38,B01J20/281,C07K1/22

classification

(31) Priority Document No :61/424725

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

:20/12/2010

(86) International Application :PCT/SE2011/051536

:19/12/2011 Filing Date

(87) International Publication :WO 2012/087230

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)GE HEALTHCARE BIO SCIENCES AB

Address of Applicant :Patent Department Bjrkgatan 30 S 751

84 Uppsala Sweden

(72)Name of Inventor:

1)BJ-RKMAN Tomas

2)MONIE Elin

3)RODRIGO Gustav

(57) Abstract:

The present invention relates to a method of separating one or more immunoglobulin containing proteins from a liquid. The method includes first contacting the liquid with a separation matrix comprising ligands immobilised to a support; allowing the immunoglobulin containing proteins to adsorb to the matrix by interaction with the ligands; followed by an optional step of washing the matrix containing the immunoglobulin containing proteins adsorbed thereon; and recovering said immunoglobulin containing proteins by contacting the matrix with an eluent which releases the proteins. The method improves upon previous separation methods in that each of the ligands comprises one or more of a protein A domain (E D A B C) or protein Z or a functional variant thereof with at least one of the monomers having a substitution of the Asparagine at the position corresponding to N28 of B domain of Protein A or Protein Z and wherein the ligand provides an increase in elution pH compared to non substituted ligand.

No. of Pages: 37 No. of Claims: 27

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR MACHINING A WORKPIECE AND MACHINE TOOL DESIGNED THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B23F5/16 :10 2011 009 027.4 :20/01/2011 :Germany :PCT/EP2012/000249 :19/01/2012 :WO 2012/098002 :NA :NA :NA	(71)Name of Applicant: 1)GLEASON PFAUTER MASCHINENFABRIK GMBH Address of Applicant: Daimlerstrasse 14 71636 Ludwigsburg Germany (72)Name of Inventor: 1)SCHWEIKER Helmut 2)VOGEL Andreas 3)BROGNI Johannes
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(57) Abstract:

The invention relates to a method for machining a workpiece which is driven in rotation about a workpiece axis and is in the form of a periodic structure, in particular a toothed workpiece, wherein a toothed machining tool which is 00 provided with a cutting edge formed on an end edge of its teeth and is driven in rotation about a tool axis that is spaced apart from the workpiece axis in the radial direction of the axis spacing is brought into rolling engagement with the workpiece at a crossed-axes angle between the two rotational axes, wherein the cutting edge removes material from the workpiece in a cutting movement that has a component o parallel to the axis of the workpiece, and the machining tool is additionally made to execute a feed movement having a component parallel to the axis of the workpiece in order to machine the workpiece over a desired axial extent, wherein the components, parallel to the axis of the workpiece, of the feed movement and the cutting movement are directed in opposite directions to one another.

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

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SOIL TREATING SYSTEM AND SHEARING ASSEMBLY

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:A01B3/46 :61/421137 :08/12/2010 :U.S.A. :PCT/US2011/063819	(71)Name of Applicant: 1)WEYERHAEUSER NR COMPANY Address of Applicant: PO Box 9777 Ch1J27 Federal Way WA 98063 9777 U.S.A. (72)Name of Inventor:
Filing Date	:07/12/2011	1)LEIST James R.
(87) International Publication No (61) Patent of Addition to Application	:WO 2012/078807	2)DUZAN Howard
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure relates to soil treating systems and shearing assemblies for use in forestry operations. Embodiments of soil treating systems according to the disclosure include a movement assembly having a front end and a back end a shearing assembly mounted on the front end of the movement assembly and leveling assembly mounted on the back end of the movement assembly. In some embodiments shearing assemblies are inverted V type shearing assemblies. Further aspects of the disclosure are directed towards methods for using soil treating systems and shearing assemblies for preparing land for interplanting an energy crop with a primary crop.

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

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR INTERPLANTING ENERGY CROPS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:A01G23/02 :61/421129 :08/12/2010 :U.S.A. :PCT/US2011/063822 :07/12/2011 :WO 2012/078809 :NA :NA	(71)Name of Applicant: 1)WEYERHAEUSER NR COMPANY Address of Applicant: PO Box 9777 CH1J27 Federal Way WA 98063 9777 U.S.A. (72)Name of Inventor: 1)LEIST James R. 2)DUZAN Howard
(61) Patent of Addition to Application	:NA	2)DUZAN Howard
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to methods for interplanting a primary crop and an energy crop. In some embodiments the present disclosure includes methods for preparing a plantation site for planting the energy crop. Plantation sites according to the disclosure may include a primary crop planted in a first row and in a second row the first row being separated by an intermediate row. The intermediate row is divided into a center portion and two side portions (a first side portion and a second side portion). Methods according to embodiments of the disclosure include the steps of lifting a soil and plantation debris mixture from the intermediate area redepositing a soil component of the soil and plantation debris mixture primarily into the center portion and redepositing a plantation debris component of the soil and plantation debris mixture primarily into at least one of the two side portions.

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

(21) Application No.4984/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NONORIENTED ELECTROMAGNETIC STEEL SHEET

(51) International classification: C22C38/00,B21B3/02,C22C38/34 (71)Name of Applicant: 1)NIPPON STEEL & SUMITOMO METAL (31) Priority Document No :NA (32) Priority Date :NA CORPORATION (33) Name of priority country Address of Applicant: 6 1 Marunouchi 2 chome Chiyoda ku :NA (86) International Application Tokyo 1008071 Japan :PCT/JP2012/064062 (72)Name of Inventor: :31/05/2012 Filing Date 1)WAKISAKA Takeaki (87) International Publication :WO 2013/179438 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A nonoriented electromagnetic steel sheet characterized Dy comprising 0.005 percent by mass or less of C , 0.003 per - cent by mass or less of S, 2.0 percent by mass or more and less than 4.5 percent by mass of Si, 0.15 percent by mass or more and less than 2.5 percent by mass of Al, and 0.3 percent by mass or more and less than 5.0 percent by mass of Cr, the remainder comprising Fe ana impurities; the nonoriented electromagnetic steel sheet having a chromium-oxide-contaming layer measuring 0.01 to 0.5 m m in thickness on the outer surface; and satisfying the relationships of 10 percent by mass<2 [Si] + 2 [Al]+[Cr]<15 percent by mass and (2[Al]+[Cr])/2[Si]-10 2<0.35, where [Si], [Al], and [Cr] refer respectively t o the Si content, the A I content, and the Cr content (ex pressed as a percentage of mass) of the nonoriented electromagnetic steel sheet, and t refers t o the thickness (mm) of the nonoriented electromagnetic steel sheet.

No. of Pages: 29 No. of Claims: 3

(21) Application No.4985/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SURGICAL INSTRUMENT

(51) International classification	:A61B17/32,C09D127/18	(71)Name of Applicant:
(31) Priority Document No	:61/421767	1)ETHICON ENDO SURGERY INC.
(32) Priority Date	:10/12/2010	Address of Applicant :4545 Creek Road Cincinnati OH 45242
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/064243	(72)Name of Inventor:
Filing Date	:09/12/2011	1)MORRIS James R.
(87) International Publication No	:WO 2012/079025	2)MORRIS James M.
(61) Patent of Addition to Application	:NA	3)MORRIS Craig
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An ultrasonically actuatable surgical blade (10) comprises a metal blade (14) and an elastomeric biocompatible polymeric coating (16) integral with the blade. The metal blade is usually titanium or a titanium alloy. The polymeric coating comprises a fluoropolymer resin and exhibits a Shore Hardness of 50D to 60D an elongation at break of at least about 250 percent at a temperature in the range of about 20 EC. to about 200 EC. Optionally aluminum oxide powder can be dispersed in the coating.

No. of Pages: 15 No. of Claims: 18

(21) Application No.4978/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: FLUID ORAL CARE COMPOSITIONS

(51) International classification :A61K8/04,A61K8/24,A61K8/27 (71)Name of Applicant:

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application :PCT/US2010/061956 No

:23/12/2010 Filing Date

(87) International Publication No:WO 2012/087324

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) COLGATE PALMOLIVE COMPANY

Address of Applicant :300 Park Avenue New York New York

10022 U.S.A.

(72)Name of Inventor:

1)NESTA Jason

2)MARTINETTI Melissa A. 3)SZEWCZYK Gregory 4)PIMENTA Paloma

(57) Abstract:

Described herein are compositions comprising gums which are capable of suspending particles and methods of making and using the same.

No. of Pages: 24 No. of Claims: 15

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BRAKING FORCE DISTRIBUTION CONTROL APPARATUS FOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60T8/1755 :NA :NA :NA :PCT/JP2011/062834 :03/06/2011 :WO 2012/164749 :NA :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)WATANABE Yoshinori
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(57) Abstract:

Provided i s a braking force distribution control apparatus for a vehicle with a braking apparatus capable o f controlling braking force for respective wheels mutually independently as required, uiven that the front wheels, which have a higher distribution of braking force, and the rear wheels, which have a lower ratio of distribution o f braking force, are treated as control reference wheels and wheels to b e controlled, respectively, and a difference amount AVf i n wheel speed between the left and right wheels o f the control reference wheels as a braking slip index value for the control reference wheels i s used as a reference amount o f difference, the distribution o f braking force for the wheels to b e controlled i s controlled such that a wheel speed magnitude relationship between the left and right wheels of the wheels t o b e controlled i s the inverse o f a wheel speed magnitude relationship between the left and right wheels o f the control reference wheels.

No. of Pages: 63 No. of Claims: 13

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE FOR FILLING A CONTAINER WITH SOLID PARTICLES COMPRISING A DIAPHRAGM

(51) International classification	:B01J8/00,B65G69/04	(71)Name of Applicant:
(31) Priority Document No	:NA	1)CREALYST
(32) Priority Date	:NA	Address of Applicant :3ter rue de la Forme F 78420 Carri res
(33) Name of priority country	:NA	sur Seine France
(86) International Application No	:PCT/FR2010/052659	(72)Name of Inventor:
Filing Date	:09/12/2010	1)POUSSIN Bernard
(87) International Publication No	:WO 2012/076761	2)POUSSIN Guillaume
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(==\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		·

(57) Abstract:

The invention relates to a device for filling a container with solid particles comprising annular ducts (20, 20, 20) for the pas sage of the particles, delimited by a plurality of vertical tubes (16) positioned coaxially with respect to one another, and a diaphragm (22), positioned upstream of the annular ducts (20, 20, 20), for regulating the flow rate of the particles in the annular ducts, the diaphragm (22) comprising a plurality of shutters for closing off the annular ducts, each one closing off an angular sector of a single annular duct and comprising control means for moving the closure shutters, configured in order to be able to partially close off one duct independently of the other ducts. The invention also re lates to a process for closing off a filling device.

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

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INGREDIENTS FOR THE PRODUCTION OF A SWEET NAMED THE ENERGY SWEET

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A23G3/36,A23L1/29 :2010149188 :30/11/2010 :Russia :PCT/RU2011/000923 :25/11/2011 :WO 2012/074436 :NA :NA :NA	(71)Name of Applicant: 1)STEPHANOVICH Oleg Valeryevich Address of Applicant :ul. Lesozavodskaya 14a 14 Syktyvkar 167009 Komi Respublika Russia 2)FAYERSHTEIN Anton Viktorovich (72)Name of Inventor: 1)STEPHANOVICH Oleg Valeryevich 2)FAYERSHTEIN Anton Viktorovich
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(57) Abstract:

The invention relates to the food manufacturing industry, in particular to manufacture of confectionery products with various biologically active additives, namely the sugar candies with tonic properties. Ingredients of the Energy Sugar Candy include Isomalt and/or gfc granulated sugar, glucose syrup, citric acid, aromatic essence, coloring, and biologically active additive (powder and/or oil of Nigella Sativa seeds). Realization of the invention expands the range of sugar candies with medical and preventive properties. The formula allows to obtain the sugar candies with lower content of sugar, and with vitamin, tonic, and immunostimulating properties increasing physical and mental efficiency.

No. of Pages: 9 No. of Claims: 2

(21) Application No.5097/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: HYDRAULIC DEVICE FOR PRODUCING TORQUE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:02/02/2011 :WO 2012/064163 :NA :NA :NA	(71)Name of Applicant: 1)GUZENKO Wladimir Grigoriewich Address of Applicant :ul. Muryanju 48 79 LV 1064 Riga Latvia (72)Name of Inventor: 1)GUZENKO Wladimir Grigoriewich
Filing Date	:NA	

(57) Abstract:

This development is a continuation of the work in the applications PCT/LV-2006/000007, PCT/LV-2008/000001 and PCT/LV-2009/000001 on finding a pure energy source instead of present technologies. This application differs from those mentioned above in that the liquid usable as the working medium should have the minimum possible quantity of gases dissolved therein. 10 Conditions are then created for controlling the enormous internal pressure forces in the liquid, which forces can be created by the total pressure force m. from the area of the boundary molecular layer of the liquid with the air, and for converting said molecular.

No. of Pages: 21 No. of Claims: 5

(21) Application No.4942/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: 2 CARBOXAMIDE 4 PIPERAZINYL BENZOFURAN DERIVATIVE

(51) International :C07D405/12,A61K31/4709,A61P25/00 classification

(31) Priority Document :61/424944

(32) Priority Date :20/12/2010

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

country

(86) International

:PCT/SE2011/051535 Application No

:19/12/2011 Filing Date

(87) International :WO 2012/087229 Publication No

(61) Patent of Addition to :NA **Application Number**

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

:NA Filing Date

(71)Name of Applicant: 1)ASTRAZENECA AB

Address of Applicant :SE 151 85 Sdertlje Sweden

(72)Name of Inventor: 1)GYB,,CK Helena 2)MALMSTR-M Jonas 3)TERP Elgaard Gitte

(57) Abstract:

The present invention relates to a compound of formula (I) and to pharmaceutical compositions containing said compound and to the use of said compound in therapy for instance in treating cognitive disorders as well as to intermediates useful in the preparation thereof.

No. of Pages: 48 No. of Claims: 15

(22) Date of filing of Application :04/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: INFUSION PREPARATION

(51) International

:A61K9/08,A61K9/107,A61K31/07

classification (31) Priority Document No

(19) INDIA

:2010265611

(32) Priority Date (33) Name of priority country: Japan

:29/11/2010

(86) International Application :PCT/JP2011/077392

Filing Date

:28/11/2011

(87) International Publication

:WO 2012/073891

:NA

(61) Patent of Addition to **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)OTSUKA PHARMACEUTICAL FACTORY INC.

Address of Applicant: 115 Aza Kuguhara Tateiwa Muya cho

Naruto shi Tokushima 7728601 Japan

(21) Application No.4943/DELNP/2013 A

(72)Name of Inventor:

1)TANI Seiii

2)MITSUMOTO Yasuhiro

(57) Abstract:

The invention addresses the problem of providing a transfusion preparation, wherein: Maillard reactions due to reducing sugars and amino acids do not occur during storage; fat droplet size in the fat emulsion does not increase during storage; there is little danger of the patient developing hyperkalemia or experiencing vascular pain or phlebitis even when only one of the transfu sion solutions is given; and multiple kinds 0 1 vitamins can be blended stably despite being a two-chambered container preparation. The invention provides a transfusion preparation having two chambers that are separated by a partition that can be opened, wherein: a first chamber transfusion solution containing a sugar and a fat emulsion is accommodated in a first chamber; a second chamber transfusion solution containing amino acids and electrolytes is accommodated in a second chamber; the first chamber transfusion solution contains substantially no potassium and has an osmotic pressure ratio of 2.0-3.0; for the second chamber transfusion solution, the potassium concentration is 40 mEq/L or less and the osmotic pressure ratio is 2.5-3.5; and the potassium concentration of mEq/L or more.

No. of Pages: 44 No. of Claims: 5

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: REVERSE FLOW REGENERATIVE APPARATUS AND METHOD

(51) International classification (31) Priority Document No	:F23L15/02,F27B3/26,F27D17/00 :61/460049	(71)Name of Applicant: 1)NOVELIS INC.
(32) Priority Date	:23/12/2010	Address of Applicant :191 Evans Avenue Toronto Ontario
(33) Name of priority country	:U.S.A.	M8Z 1J5 Canada
(86) International Application No Filing Date	:PCT/CA2011/050787 :20/12/2011	(72)Name of Inventor : 1)RAUCH Edwin L.
(87) International Publication No	:WO 2012/083451	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An exemplary embodiment provides a regenerative burner apparatus. The apparatus includes a burner housing having a gas channel extending there through and a single stage heat regenerator equipped with a housing enclosing a fluid porous heat regenerative media bed having an upper surface and a lower surface. The housing has an opening communicating with the exterior of the apparatus. A first gas passageway in said housing directly interconnects the gas channel of the burner housing and the lower surface of the heat regenerative media bed. A second gas passageway in the housing interconnects the opening in the housing communicating with the exterior and the upper surface of the heat regenerative media bed. The first and second gas passageways are in communication with each other only through the heat regenerative media bed. This arrangement allows hot waste combustion gases to pass upwardly through the media bed so that any condensable contaminant in the gases condenses to a liquid in the media bed and flows out of the bed under gravity before becoming solid. The liquid contaminant may then be removed from the regenerator from a position below the media bed.

No. of Pages: 37 No. of Claims: 29

(43) Publication Date: 28/11/2014

(22) Date of filing of Application: 07/06/2013

(54) Title of the invention: SELECTIVE LIPOPHILIC AND LONG ACTING BETA AGONIST MONOTHERAPEUTIC FORMULATIONS AND METHODS FOR THE COSMETIC TREATMENT OF ADIPOSITY AND CONTOUR BULGING

(51) International :A61K31/137,A61K31/122,A61K31/05 classification

(19) INDIA

(31) Priority Document :61/417098

(32) Priority Date :24/11/2010 (33) Name of priority :U.S.A.

country

(86) International

:PCT/US2011/061973 Application No :22/11/2011

:NA

Filing Date

(87) International

:WO 2012/074856 **Publication No**

(61) Patent of Addition to **Application Number** Filing Date

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

:NA

(57) Abstract:

(71)Name of Applicant:

1)LITHERA INC.

Address of Applicant :9191 Towne Centre Drive Suite 400

San Diego CA 92122 U.S.A.

(21) Application No.5100/DELNP/2013 A

(72)Name of Inventor:

1)DOBAK John Daniel

2)LOCKE Kenneth Walter

contour defects such as abdominal bulging; comprising an injectable formulation said formulation comprising: an active ingredient that consists essentially of an adipose tissue reducing amount of one or more lipophilic long acting selective beta 2 adrenergic receptor agonists or salts solvates or polymorphs thereof; and one or more subcutaneously acceptable inactive ingredients.

Provided herein are pharmaceutical and cosmetic formulations and methods for regional adiposity reduction and treatment of body

No. of Pages: 61 No. of Claims: 31

(21) Application No.4875/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WIPER DEVICE IN PARTICULAR A MOTOR VEHICLE WINDSHIELD WIPER DEVICE

(51) International classification :B60S1/32,B60S1/38,B60S1/52 (71)Name of Applicant : (31) Priority Document No :102010064178.2 1)ROBERT BOSCH GMBH (32) Priority Date :27/12/2010 Address of Applicant :Postfach 30 02 20 70442 Stuttgart (33) Name of priority country Germany :Germany (86) International Application No :PCT/EP2011/070647 (72)Name of Inventor: Filing Date 1)WOLFGARTEN Sven :22/11/2011 (87) International Publication No :WO 2012/089411 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to a wiper device comprising a wiper arm (10a; 10b) and an inner circle guide unit (14a; 14b) having an inner circle guide element (16a; 16b) for guiding a wiper blade (12a; 12b). According to the invention the inner circle guide unit (14a; 14b) has at least one nozzle element (18a; 18b) for spraying washing water onto a motor vehicle windshield (20a).

No. of Pages: 13 No. of Claims: 10

(21) Application No.4876/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: WINDSCREEN WIPER DEVICE

(51) International classification :B60S1/24,F16B4/00,F16C11/06 (71)Name of Applicant :

(31) Priority Document No :102010064306.8 (32) Priority Date :29/12/2010

(33) Name of priority country :Germany

(86) International Application No:PCT/EP2011/070803

Filing Date :23/11/2011

(87) International Publication No: WO 2012/089428

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor:

1)TRENKLE Lothar

(57) Abstract:

Windscreen wiper device (1) in particular for a motor vehicle having at least one wiper motor (2) which drives a wiper linkage (4) via an output shaft (3) wherein the wiper linkage (4) has at least one joint rod (5) which actuates a wiper arm and at whose end regions at least one ball socket (6 11) is provided. The joint rod (5) is formed by a tubular piece (7) at whose open end regions ball socket caps (8) are provided which ball socket caps (8) can be fitted or plugged onto the tubular piece (7) and/or can be plugged or are plugged therein.

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

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TANK INSERT MODULE LIQUID TANK

T/EP2011/072336 (7/12/2011 D 2012/080129	Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany (72)Name of Inventor : 1)LANDES Ewgenij 2)SCHOTT Steffen
<u>.</u>	
7	Г/ЕР2011/072336 (12/2011) 2012/080129

(21) Application No.4877/DELNP/2013 A

(57) Abstract:

The invention relates to a tank insert module (1) for extracting liquid from a vehicle tank comprising a basic body (2) composed of a plastic on which basic body are arranged a liquid extraction device (23) which comprises an extraction opening (4) which can be assigned to the tank interior space and at least one electric heating element (7) wherein the electric heating element (7) comprises a heating body (8) with an extrusion coated plastic encapsulation (9). It is provided here that the plastic encapsulation (9) has a plastic which can be welded to the basic body in particular high density polyethylene and/or the same plastic as the basic body (2) and also at least one filler material with high thermal conductivity and is welded to the basic body (2) at at least one contact point (17). The invention also relates to a liquid tank for vehicles.

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

(21) Application No.4879/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FERMENTATION PROCESS INVOLVING ADJUSTING SPECIFIC CO UPTAKE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12P7/02 :61/458903 :03/12/2010 :U.S.A. :PCT/US2011/001900 :14/11/2011 :WO 2012/074543 :NA :NA :NA	(71)Name of Applicant: 1)INEOS BIO SA Address of Applicant: Avenue Des Uttins 3 CH 1180 Rolle Switzerland (72)Name of Inventor: 1)SENARATNE Ryan 2)BEARD Brandon
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(57) Abstract:

The present disclosure provides methods of gaseous substrate fermentation comprising: adding gaseous substrate into an aqueous medium in a bioreactor. The methods of the present disclosure comprise: measuring cell density; adjusting input of gaseous substrate to increase cell density; changing specific CO uptake in predetermined amounts.

No. of Pages: 33 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :07/06/2013

(21) Application No.5111/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: COLLECTOR HOUSING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F24J :20 2010 017 055.9 :24/12/2010 :Germany :PCT/EP2011/073628 :21/12/2011 :WO 2012/085109 :NA :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)BOEDEKER Hendrik 2)CLEMENT Uwe 3)WEISS Martin 4)WEIL Thomas
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(57) Abstract:

The invention relates to a collector housing for receiving a solar absorber. The collector glass is usually fastened to the collector frame by an adhesive, in most cases a silicone material. For this purpose, the adhesive is first applied to the collector frame and then the collector glass is placed on it. After that, the adhesive must cure. In a further working step, excess adhesive is removed with a knife and solvent. This is very timeconsuming and therefore increases the production costs. If there are any remains of the adhesive material, this gives an unaesthetic impression. The object of the invention is to I overcome these and other disadvantages of the prior art and to provide a collector housing! which can be easily produced in a small number of steps, wherein in particular the p connection between the collector frame and the collector glass should be designed to ensure quick assembly. For a collector housing for receiving a solar absorber with a collector frame and a covering device, the invention provides that the covering device consists of a pane of glass and a profiled body foamed onto it, which is connected to the collector frame by means of holding clips.

No. of Pages: 13 No. of Claims: 12

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A JOINING SYSTEM ARRANGEMENT FOR BUILDING ELEMENTS

(51) International classification (31) Priority Document No (20101785 (20101785) SVEIN BERG HOLI (32) Priority Date (20101785) Name of priority country (72) Name of Inventor:

(86) International Application No :PCT/EP2011/069488

Filing Date :06/11/2011 (87) International Publication No :WO 2012/084327

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application
Number
:NA
:NA
:NA

1)SVEIN BERG HOLDING AS

Address of Applicant : ran Vest N 6300 ...ndalsnes Norway (72)Name of Inventor:

1)BERG Svein

(57) Abstract:

Filing Date

The present invention relates to a joining system arrangement for building elements (1 2) which joining system comprises a box element (10) adapted for embedment in a first building element (1) such that an open side (16) of the box element (10) will lie flush with a surface of the building element (1) and adapted such that a bridge element (20) can be inserted into the box element (10) which comprises four side faces (11 12 13 14) arranged around the open side (16) and a back plate (15). According to the invention the joining system further comprises at least one side face (11) of the box element (10) at least one load transmitting element (30) which is so configured that at least two surface portions (31) are formed constituting a rounded face which are turned away from the side face (11) of the box element and from each other.

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

(21) Application No.5044/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SEALING ASSEMBLY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:07/12/2011 :WO 2012/078729 :NA :NA :NA	(71)Name of Applicant: 1)ZEPHYROS INC. Address of Applicant:160 Mclean Drive Romeo MI 48065 U.S.A. (72)Name of Inventor: 1)DEACHIN Todd R. 2)MIRACLE Conrad 3)GROESSER Chris
Filing Date	:NA	

(57) Abstract:

A device and method for reinforcing baffling or sealing a vehicle structure comprising the steps of providing a flexible composition sealing device (10) including one or more fastening structures (30).

No. of Pages: 25 No. of Claims: 19

(21) Application No.5045/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ENGINEERING OF THERMOTOLERANT BACILLUS COAGULANS FOR PRODUCTION OF D() LACTIC ACID

(51) International :C12N1/21,C12N15/74,C12N15/52

classification

:61/416002 (31) Priority Document No (32) Priority Date :22/11/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/061807

No :22/11/2011 Filing Date

(87) International Publication :WO 2012/071392

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to Application :NA Number

:NA Filing Date

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(72)Name of Inventor:

1)WANG Qingzhao

2)SHANMUGAM Keelnatham T.

3)INGRAM Lonnie Oneal

(57) Abstract:

Genetically modified microorganisms having the ability to produce D() lactic acid at temperatures between 30°C and 55°C are provided. In various embodiments the microorganisms may have the chromosomal lactate dehydrogenase () gene and/or the chromosomal acetolactate synthase () gene inactivated. Exemplary microorganisms for use in the disclosed methods are Bacillus spp., such as Bascillus coagulans.

No. of Pages: 65 No. of Claims: 20

(21) Application No.5115/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FOOD INGREDIENT COMPRISING HYDROLYZED WHOLE GRAIN

(51) International classification (31) Priority Document No	1:A23L1/10,A23L1/105,A23L1/308 :NA	(71)Name of Applicant: 1)NESTEC S.A.
(32) Priority Date	:NA	Address of Applicant : Avenue Nestle 55 CH 1800 Vevey
(33) Name of priority country		Switzerland
 (86) International Application No Filing Date (87) International Publication 	:PCT/US2010/059487 :08/12/2010 :WO 2012/078149	 (72)Name of Inventor: 1)SCHAFFER LEQUART Christelle 2)ROGER Olivier 3)WAVREILLE Anne Sophie
No (61) Patent of Addition to	:NA	4)KUNETZ Christine Frances 5)HOWELL Scott John
Application Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a food ingredient comprising a savoury flavour component a hydrolyzed whole grain composition and an alpha amylase or fragment thereof which alpha amylase or fragment thereof shows no hydrolytic activity towards dietary fibers when in the active state.

No. of Pages: 46 No. of Claims: 15

(21) Application No.5116/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: READY TO DRINK BEVERAGES COMPRISING HYDROLYZED WHOLE GRAIN

(51) International classification: A23L1/10,A23L1/105,A23L1/308 (71) Name of Applicant:

(31) Priority Document No :PCT/US2010/059482

(32) Priority Date :08/12/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/EP2011/071998

:07/12/2011 Filing Date

(87) International Publication :WO 2012/076565

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)NESTEC S.A.

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor:

1)VALDEZ Monica

2)BEZELGUES Jean Baptiste

3)CHENG Pu Sheng 4)ROGER Olivier 5)ROSS Alastair

6)SCHAFFER LEQUART Christelle

7)WAVREILLE Anne Sophie

(57) Abstract:

The present invention relates to ready to drink beverages comprising a flavor component a hydrolyzed whole grain composition an alpha amylase or fragments thereof which alpha amylase or fragments thereof show no hydrolytic activity towards dietary fibers when in the active state a sucrose content below 5% by weight of the beverage and wherein the beverage has a viscosity in the range 1 300 mPa.s.

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

(21) Application No.5117/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FOAMING JUICE COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/420690 :07/12/2010 :U.S.A.	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)SAHAI Deepak 2)SHER Alexander A.
. ,		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a simple foaming juice composition with a viscosity clarity or color of the original juice. In one aspect the invention relates to a foaming juice composition of a juice product and a food grade ester alginate in an amount sufficient to generate or produce a layer of foam thereon without the addition of other foaming agents when the juice product is subjected to agitation without also producing a significant change in viscosity clarity or color of the juice product. In some embodiments the ester alginate is a food grade ester alginate such as propylene glycol alginate ester. In some embodiments the ester alginate is present in an amount of from about 0.01% to about 0.25% and preferably from about 0.05% to about 0.1% of the foaming juice composition. The present invention also relates to a method of making a foaming juice composition by combining a juice product with an alginate ester.

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

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DIFFERENTIAL FLASH ARCHIVE INSTALLATION

(51) International classification	:G06F9/445	(71)Name of Applicant:
(31) Priority Document No	:3015/DEL/2010	1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
(32) Priority Date	:17/12/2010	Address of Applicant :S 164 83 Stockholm Sweden
(33) Name of priority country	:India	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/056199	1)OBERAI Manish
Filing Date	:19/04/2011	2)SHARMA Ajay
(87) International Publication No	:WO 2012/079781	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1 \r 1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Methods and systems are disclosed for installing a software program in a computing device. The computing device has stored therein a first operating system that supports an execution of the software program. In an embodiment the method includes determining a differential software component between a second software component and a first software component. The second software component includes the first operating system and the software program and the first software component includes the first operating system. The method further includes generating a differential image corresponding to the differential software component. Subsequently the method follows with storing the differential image and a version of a second operating system onto a bootable computer readable medium. The version of the second operating system is supportive of an extraction of the differential image onto the computing device. The method further includes accessing the bootable computer readable medium from the computing device. In a successive progression the differential image is installed in the computing device based at least in part on the accessing without performing one or more verifications related to the first operating system prior to the installation wherein the differential image corresponds to the software program.

No. of Pages: 28 No. of Claims: 23

(21) Application No.5127/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SEAT BELT RETRACTOR

(51) International classification	:B60R22/36,B60R22/46	(71)Name of Applicant:
(31) Priority Document No	:2011009436	1)ASHIMORI INDUSTRY CO. LTD.
(32) Priority Date	:20/01/2011	Address of Applicant :10 18 Kitahorie 3 chome Nishi ku
(33) Name of priority country	:Japan	Osaka shi Osaka 5500014 Japan
(86) International Application No	:PCT/JP2011/078657	(72)Name of Inventor:
Filing Date	:12/12/2011	1)INAGAWA Yasuhiro
(87) International Publication No	:WO 2012/098784	2)MIYOSHI Hiroyuki
(61) Patent of Addition to Application	:NA	3)KIM Do Shik
Number	:NA	4)CHOI Insu
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A winding drum with a webbing wound thereon has one axial end rotatably i 5 supported by one sidewall section of a housing, and a shaft section raised from the other axial end is rotatably supported through a cover member mounted on the outer end of the other sidewall section of the housing. The housing has an opening formed in the other sidewall section through which a ratchet gear is inserted with gap therebetween, the ratchet gear being formed on the outer peripheral edge of the 10 winding drum at the other axial end side thereof; and inner teeth formed on the inner peripheral edge of the opening. When pretensioner mechanism is activated and tensile force greater than predetermined level acts on the webbing, the cover member is plastically deformed through the shaft section and locks the ratchet gear into engaged state wherein the ratchet gear is engaged with the inner teeth.

No. of Pages: 91 No. of Claims: 4

(22) Date of filing of Application :07/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : STEEL FIBRE FOR REINFORCING CONCRETE OR MORTAR HAVING AN ANCHORAGE END WITH AT LEAST TWO BENT SECTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:E04C5/01 :10195107.7 :15/12/2010 :EPO :PCT/EP2011/072747 :14/12/2011 :WO 2012/080326 :NA	(71)Name of Applicant: 1)NV BEKAERT SA Address of Applicant: Bekaertstraat 2 B 8550 Zwevegem Belgium (72)Name of Inventor: 1)LAMBRECHTS Ann 2)VERVAECKE Frederik
` '		2) V BRVII BORD I Teuerik
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a steel fibre for reinforcing concrete or mortar. The steel fibre comprises a middle portion and an anchorage end at one or both ends of the middle portion. The middle portion has a main axis. The anchorage end is deflecting from the main axis of the middle portion in a deflection section. The anchorage end has n bent sections with n equal or larger than 2. When the steel fibre according to the present invention being in a stable position on a horizontal surface is vertical projected on this horizontal surface the vertical projections in this horizontal surface of all of the n bent sections of an anchorage end are located at one side of the vertical projection in this horizontal surface of the main axis of the middle portion. The invention further relates to a concrete structure reinforced with steel fibres according to the invention and to the use of such steel fibres for load carrying structures of concrete.

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

(21) Application No.4901/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF SUBSTITUTED N (BENZYL)CYCLOPROPANAMINES BY IMINE HYDROGENATION

:C07C209/52,C07C211/35 (71)Name of Applicant : (51) International classification

(31) Priority Document No :10190077.7 (32) Priority Date :05/11/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/069426

Filing Date :04/11/2011

(87) International Publication No :WO 2012/059585

(61) Patent of Addition to Application :NA Number

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

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(72)Name of Inventor:

1)LUI Norbert

2)MORADI Wahed Ahmed

3)MLLER Thomas Norbert

(57) Abstract:

The present invention relates to a process for the preparation of substituted N (benzyl)cyclopropanamines of the general formula (II) starting from N [(aryl)methylene]cyclopropanamine derivatives. The present invention further provides the N [(aryl)methylene]cyclopropanamine derivatives used as starting compounds in this process according to the invention and their use for the preparation of substituted N (benzyl)cyclopropanamines.

No. of Pages: 18 No. of Claims: 7

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

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

(51) International classification	:H04N13/04,G02B27/22	(71)Name of Applicant:
(31) Priority Document No	:	1)SONY CORPORATION
(32) Priority Date	:-	Address of Applicant :1 7 1 Konan Minato Ku Tokyo 1080075
(33) Name of priority country	:	Japan
(86) International Application No	:PCT/JP2011/074469	(72)Name of Inventor:
Filing Date	:24/10/2011	1)KOBAYASHI Seiji
(87) International Publication No	:WO 2012/077420	2)YAMAZAKI Toshio
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided i s a structure by which an image from a new viewpoint can b e generated by a simple signal processing. A right-eye image signal and a left-eye image signal t o be applied to a three-dimensional image are input. A right image conversion unit applies a phase change to the input right-eye image signal i n the right direction or the left direction in accordance with the feature of the image, t o gen erate a conversion image. Similarly, a left image conversion unit applies a phase change to the input left-eye image signal i n the left direction or the right direction in accordance with the feature of the image, to generate a conversion image. The image generated by the right image conversion unit and the image generated by the left image conversion unit are output as a plurality of new-viewpoint images. The conversion image is generated by adding/ subtracting, for example, a l u minance differential signal of the input image or a non-linear < conversion signal of the luminance differential signal, with respect t o the input image signal.

No. of Pages: 147 No. of Claims: 9

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ABSORBENT ARTICLE HAVING IMPROVED BONDING

(51) International classification (31) Priority Document No (32) Priority Date (32) Name of priority country :U.S.A.

(86) International Application No :PCT/US2011/062829
Filing Date :01/12/2011
(87) International Publication No :WO 2012/075247

(61) Patent of Addition to Application
Number
:NA

Filing Date
(62) Divisional to Application Number :NA

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

:A61F13/511,A61F13/537 (71)Name of Applicant :

1)THE PROCTER & GAMBLE COMPANY

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Ohio 45202 U.S.A. (72)Name of Inventor: 1)GEILICH Ralf

2)CARLA Vito 3)RAWAT Digvijay

4)GLASSMEYER Ronda Lynn

5)CECCHETTO Pietro

6)BEWICK SONNTAG Christopher Philip

7)SEIB Christian

(57) Abstract:

An absorbent article is provided. The absorbent article includes a liquid pervious film topsheet having a body facing surface and a garment facing surface; a backsheet having a body facing surface and a garment facing surface; an absorbent core having a body facing surface and a garment facing surface the absorbent core being provided between the topsheet and the backsheet; and a bonding layer having a body facing surface and a garment facing surface. The body facing surface of the bonding layer has a fibrous matrix comprising cellulosic fibers and thermoplastic fibers and the garment facing surface of the topsheet is directly bonded to the body facing surface of the bonding layer at discrete adhesive free bond points.

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

(21) Application No.5132/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A CROSS LINKING METHOD AND ARTICLES PRODUCED THEREBY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:C08L25/18 :201110002777.8 :07/01/2011 :China :PCT/US2012/020543 :06/01/2012 :WO 2012/094632 :NA	(71)Name of Applicant: 1)GENERAL ELECTRIC COMPANY Address of Applicant: 1 River Road Schenectady NY 12345 U.S.A. (72)Name of Inventor: 1)XIA Zijun 2)FANG Jianhua 3)MACDONALD Russell James
(61) Patent of Addition to ApplicationNumberFiling Date(62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

The disclosure provides a cross linking method and articles produced thereby. The method comprises providing a partly sulphonated styrenic polymer and cross linking the partly sulphonated styrenic polymer in the presence of a polyphosphoric acid.

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

(21) Application No.5133/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: CHLOROPRENE RUBBER COMPOSITION AND VULCANIZATE AND MOLDING THEREOF

(51) International classification: C08L11/00, C08K5/40, C08K5/405 (71) Name of Applicant:

:WO 2012/070270

(31) Priority Document No :2010263795 (32) Priority Date :26/11/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/064120

:21/06/2011 Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number**

:NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

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Address of Applicant: 1 1 Nihonbashi Muromachi 2 chome

Chuo ku Tokyo 1038338 Japan

(72)Name of Inventor: 1)YAMAGISHI Uichiro

2)ABE Yasushi

(57) Abstract:

The present invention produces acetic acid while effectively inhibiting the concentration of hydrogen iodide in an evaporation tower (second evaporation tower) which purifies crude acetic acid by re-evaporation. A n acetic acid production method comprises: an acetic acid collection step in which a volatile component, comprising at least acetic acid, methyl acetate, methyl iod ide, water and hydrogen iodide, i s supplied to a first evaporation tower, a first low-boiling-point component i s separated, and a first liquid fluid containing mainly acetic acid is collected; and an acetic acid purification step in which the first liquid fluid is supplied to a second evaporation tower, a second low-boiling-point component is separated, and a second liquid tluid containing acetic acid is collected. In the acetic acid production method, an alkali component is added to the first liquid fluid by the following method (1) and/or (2), and a fluid to be treated containing the alkali component and the first liquid fluid is evaporated in the second evaporation tower. (1) The alkali component is added to or mixed with the first liquid fluid before being supplied to the second evaporation tower. (2) The alkali component is added to or mixed with the first liquid fluid in the second evaporation tower from the same height or above the height at which the first liquid fluid is supplied.

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

(19) INDIA

(22) Date of filing of Application :31/05/2013

(21) Application No.4888/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: HOLSTER

|--|--|

(57) Abstract:

The invention relates to a holster for a pistol in which pistol (12) there is a grip (62) a barrel (60) a trigger (18) and a trigger (18) guard (20) which holster (10) includes a rigid case (40) partly surrounding at least the barrel (60) and the trigger guard (20) and a belt clip (52) for carrying the case (40) on the belt of the user at the side of their hip and a locking mechanism (14) integrated in the case (40) for locking the pistol (12) into it which said locking mechanism (14) further includes an arm (28) and a catch (16) for securing the trigger guard (20) to the case (40). The arm (28) is pivoted to the outer surface of the case (40) with the aid of a shaft perpendicular to the side (70) of the case (40) in order to release the locking mechanism (14) and the holster (10) further includes a catch opening (25) formed in the surface of the case (40) in order to lock the said locking mechanism (14).

No. of Pages: 36 No. of Claims: 15

(21) Application No.5137/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PROCESS FOR PRODUCING ACETIC ACID

(51) International :C07C51/12,C07C51/44,C07C53/08 classification

(31) Priority Document No :2010279799

(32) Priority Date :15/12/2010 (33) Name of priority country: Japan

(86) International Application :PCT/JP2011/077846

:01/12/2011 Filing Date

(87) International Publication: WO 2012/081418 No

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)Daicel Corporation

Address of Applicant: 3 4 5 Umeda Kita ku Osaka shi Osaka

5300001 Japan

(72)Name of Inventor:

1)SHIMIZU Masahiko

2)SAITO Rvuji 3)MIURA Hiroyuki

(57) Abstract:

The present invention provides a process in which acetic acid i s produced while inhibiting the concentrations 0.1 hy drogen iodide and acetic acid fiOm rising in an acetaldehyde distillation tower. The process comprises: a step in which methanol is reacted with carbon monoxide; a step in which the reaction mixture is fed to a flasher and separated into a volatile component (2A) and a lowly volatile component (2B); a step in which the volatile component (2A) i s fed to a distillation tower and separated into an overhead fraction (3A) comprising methyl iodide, acetic acid, methyl acetate, water, acetaldehyde, and hydrogen iodide and a fraction (3B) comprising acetic acid, which is recovered; and a separation step in which the condensed overhead fraction (3A) is fed to an acetaldehyde distillation tower and a liquid to be treated which includes the overhead fraction (3A) is separated into a low-boiling component (4A) containing acetaldehyde and a high-boiling component (4B). In the separation step, the liquid to b e treated contains methanol and/or dimethyl ether in a concentration of 0.1-50 wt.% and i s distilled.

No. of Pages: 99 No. of Claims: 12

(21) Application No.5139/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD OF FORMING OPENING IN BASE PLATE OF STOMA DEVICE TEMPLATE SHEET AND LABEL USED IN THIS METHOD AND BASE PLATE AND STOMA DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:A61F5/445 :2010276450 :10/12/2010 :Japan :PCT/DK2011/050476 :12/12/2011 :WO 2012/076022 :NA :NA	(71)Name of Applicant: 1)COLOPLAST A/S Address of Applicant: Holtedam 1 DK 3050 Humlebaek Denmark (72)Name of Inventor: 1)KIYOSHI Hori
e e e e e e e e e e e e e e e e e e e	:NA :NA	

(57) Abstract:

Providing a method for forming an opening of a shape precisely matching the stoma of a patient in a base plate of a stoma device. A method of forming an opening in a base plate of a stoma device according to the present invention comprises a step of printing on a label a filled in part of the same shape as a hole of a shape formed on a template sheet and matching the stoma of a patient a step of sticking the label on which the filled in part has been printed on to a base plate and a step of cutting the base plate along the contours of the filled in part of the label stuck to the base plate.

No. of Pages: 43 No. of Claims: 15

(21) Application No.5140/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ACETIC ACID PRODUCTION METHOD

(51) International :C07C51/12,C07C53/08,C07B61/00 classification

(31) Priority Document No :2010279797 :15/12/2010

(32) Priority Date (33) Name of priority country: Japan

(86) International Application :PCT/JP2011/077844

:01/12/2011 Filing Date

(87) International Publication: WO 2012/081416

No

(61) Patent of Addition to :NA **Application Number** :NA

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

Filing Date

(71)Name of Applicant: 1)Daicel Corporation

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5300001 Japan

(72)Name of Inventor:

1)SHIMIZU Masahiko

2)SAITO Rvuji 3)MIURA Hiroyuki

(57) Abstract:

A method ior producing acetic acid wmle inhibiting the generation or increase in the concentration of hydrogen iod ide in a carbonylation reactor, and the corrosion of the carbonylation reactor. In an acetic acid production process having a reaction step in which methanol and carbon monoxide are continuously reacted in a carbonylation reactor in the presence of a catalyst system comprising a metallic catalyst (such a s a rhodium catalyst), a n ionic iodide (such a s lithium iodide), and methyl iodide, (i) the con centrations are maintained s o that, with respect t o the entire liquid phase in the reactor, the concentration of the metallic catalyst is at least 860ppm by weight, the water concentration is 0.8-15wt%, the methyl iodide concentration is at most 13.9wt%, and the methyl acetate concentration is a t least 0.1wt%, and/or (ii) the concentrations are maintained s o that, with respect t o the entire liquid phase in the reactor, the concentration of the metallic catalyst is at least 660ppm by weight, the water concentration is 0.8-3.9wt%, the ion i c iodide concentration i s a t most 13wt%, the methyl iodide concentration i s a t most 13.9wt% and the methyl acetate concentration is a t least 0.1 wt%.

No. of Pages: 79 No. of Claims: 14

(21) Application No.5059/DELNP/2013 A

(19) INDIA

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

(43) Publication Date : 28/11/2014

(54) Title of the invention: CONJUGATE OF FOLATE AND ANTIBODY PREPARATION METHOD AND USE THEREOF

(51) International classification :C07K16/30,A61K39/395,A61K47/48

(31) Priority Document No :201010534357.X (32) Priority Date :08/11/2010

(32) Priority Date :08/11/2010 (33) Name of priority :China

country

(86) International :PCT/CN2011/074070

Application No
Filing Date

PC1/CN20
:14/05/2011

(87) International Publication No :WO 2012/062094

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
Filing Date
:NA

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1)LIU Ying

(57) Abstract:

Provided are anti tumor conjugates which consist of folate or analogues thereof linkers and antibodies such as Immunoglobulin G. The linker comprises glutathione cysteamine or cysteine residue and further comprises N hydroxysuccinimide. The conjugates target folate receptor positive tumor cells. Also provided are preparation methods and anti tumor use of the conjugates.

No. of Pages: 49 No. of Claims: 27

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : CONVEYOR ACCUMULATOR FOR CONTROLLING THE FLOW OF ARTICLES BEING CONVEYED

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:B65G47/72 :12/961176 :06/12/2010 :U.S.A. :PCT/US2011/063577 :06/12/2011 :WO 2012/078661 :NA :NA	(71)Name of Applicant: 1)FLEETWOODGOLDCOWYARD INC. Address of Applicant: 1320 Wards Ferry Road Lynchburg Virginia 24502 U.S.A. (72)Name of Inventor: 1)STEEBER Dorian F.
· /		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A buffer assembly is configured to buffer a stream of articles moving along a conveyor. The buffer assembly is interposed in said conveyor. The buffer assembly comprises a horizontal in feed accumulator that is configured to receive the stream of articles from said conveyor and a horizontal mass storage accumulator connected to an output of the horizontal in feed accumulator for receiving said stream of articles therefrom. Each of the horizontal in feed accumulator and the horizontal mass storage accumulator are configured to buffer said stream of articles. The buffer assembly also comprises a horizontal out feed accumulator connected to the output of the horizontal mass storage accumulator that is configured to buffer the stream of articles. The in feed buffering the articles prevents product compression and the buffering of the out feed articles prevents the formation of gaps between product articles.

No. of Pages: 83 No. of Claims: 37

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: THREE PHASE MOTOR DRIVE DEVICE AND THREE PHASE MOTOR DRIVING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02P6/16 :NA :NA :NA :PCT/JP2012/069658 :02/08/2012 :WO 2014/020736 :NA :NA :NA	(71)Name of Applicant: 1)SHINDENGEN ELECTRIC MANUFACTURING CO. LTD. Address of Applicant: 2 1 Ohtemachi 2 chome Chiyoda ku Tokyo 1000004 Japan (72)Name of Inventor: 1)KAWASUMI Shinji 2)KUROKAWA Tomohiro
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(57) Abstract:

A three phase motor drive device related to an embodiment of the present invention is equipped with a control unit that estimates rotational positions of a three phase brushless motor on the basis of a reference pulse signal which is output by a rotor sensor according to a rotational position of a first phase magnetic pole of a rotor during rotation of the three phase brushless motor and controls a motor driver in accordance with driving patterns that are defined in sequence according to the estimated rotational positions of the three phase brushless motor.

No. of Pages: 37 No. of Claims: 14

(21) Application No.5148/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DOUBLE SIDED WELDING METHOD

(51) International classification :B23K26/20,B23K9/00,B23K9/095

(31) Priority Document No :NA

(32) Priority Date :NA(33) Name of priority country :NA

(86) International Application :PCT/JP2011/058873

No :1C1/31201 :08/04/2011

Filing Date
(87) International Publication
(88) Filing Date
(87) International Publication

No :WO 2012/137342

(61) Patent of Addition to Application Number Filing Date :NA

(62) Divisional to Application
Number :NA
:NA

Filing Date (57) Abstract :

(71)Name of Applicant:

1)TOYOTA JIDOSHA KABUSHIKI KAISHA

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Japan

2)AISIN SEIKI KABUSHIKI KAISHA

(72)Name of Inventor:
1)UCHIDA Keisuke
2)IWATANI Shingo
3)ENDO Takahito
4)KURAMOTO Go

5)KAMITAKE Jun 6)YAMAGUCHI Shuhei

The purpose of this double sided welding method is to improve product precision. When welding from both sides of a joining part where a first member and a second member which are the objects being joined face each other is performed by a first weld performed from one side and a second weld performed from the other opposite side from that first weld sandwiching that joining part a heat quantity adjustment that adjusts the quantity of heat input to the joining part for the second weld which is performed after the first weld is carried out such that an amount of welding distortion that is the objective arises.

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

:NA

(21) Application No.5150/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: HYDROMETALLURGICAL METHOD FOR RECOVERING ZINC IN A SULPHURIC MEDIUM FROM ZINC SULPHIDE CONCENTRATES HAVING A HIGH IRON CONTENT

(51) International classification :C22B19/20,C22B3/00,C22B1/02 (71)Name of Applicant: (31) Priority Document No :PCT/ES2012/070535 1)TAM 5 S.L. (32) Priority Date Address of Applicant : Costa Brava 24 P4 5°B E 28034 Madrid :16/07/2012 (33) Name of priority country :PCT (86) International Application (72)Name of Inventor: :PCT/ES2012/070535 1)TAMARGO GARC A Franciso Jos :16/07/2012 Filing Date (87) International Publication :WO 2014/013092 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number

(57) Abstract:

Filing Date

The invention is based on the recirculation of a solution containing no or a low content of iron such that the final acidity conditions achieved are suitable for obtaining efficient precipitation of iron in the form of jarosite. In one embodiment the zinc concentrate is subjected to the following steps: a. roasting of at least part of the zinc concentrate; b. neutral leaching in which the zinc oxide is dissolved; c. acid leaching in which the zinc ferrites are leached; d. reduction of the Fe contained in the Fe solution by means of the addition of zinc concentrate and dilution with zinc sulphate solution originating from step (f) in order to reduce the concentration of Fe; e. neutralisation of the acidity of the solution with calcine; f. oxidation of iron and precipitation of jarosite free of solid contaminants by means of the injection of oxygen or oxygen enriched air and the addition of an alkali or a salt of Naor NH.

No. of Pages: 32 No. of Claims: 6

(21) Application No.5027/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: BIOMETRIC USER EQUIPMENT GUI TRIGGER

(51) International :H04M1/725,A61B5/00,G06F19/00 classification

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/IB2010/003488

:30/12/2010 Filing Date

(87) International Publication :WO 2012/090016

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

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(72)Name of Inventor: 1)-KVIST Peter

2)JONSSON Tomas

3)LINDEGREN David

(57) Abstract:

A user equipment for providing information most relevant to a user as the user becomes impaired or experiences diminishing capacity is disclosed. The user equipment includes a transceiver a memory at least one sensor for detecting a biometric measurement of a user of the equipment a user interface and a processor. The processor filters the biometric measurement calculates a metric based on the measurement evaluates the metric selectively adjusts an amount of information displayed on the user interface based on the evaluated metric and executes an application corresponding to a user actuation of an item of the displayed information.

No. of Pages: 22 No. of Claims: 21

(21) Application No.5158/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FILTRATION DEVICE AND METHOD

(51) International classification :B01L3/00,B0 (31) Priority Document No :1021577.0 (32) Priority Date :21/12/2010 :U.K.

(86) International Application No :PCT/EP2011/073487

Filing Date :20/12/2011 (87) International Publication No :WO 2012/085007

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
:NA
:NA
:NA

:B01L3/00,B01D33/01 (71)Name of Applicant :

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(72)Name of Inventor:

1)TORTORELLA Stevan Paul 2)PATHIRANA Navin Deepal 3)SEYMOUR Geraint

(57) Abstract:

Embodiments of the present invention relate to a filtration device and method for filtering liquids. In conventional devices a liquid is placed in a vial and a plunger having a filter membrane located at one end is depressed into the vial causing the liquid to pass through the filter membrane into the interior of the plunger where it is stored until required for further processing. However such plungers are typically made of a plastics material. It is undesirable to store the filtered liquid in contact with plastics for extended periods of time as contaminants may leach from the plastics material into the sample. In embodiments of the present invention a filtrate receptacle (13) made from a different material to the plunger (4) such as a glass material is located in the interior of the plunger and the filtered liquid collected in the filtrate receptacle after passing through the filter membrane (6). This allows the filtered liquid to be held isolated from the plastics material thereby protecting it from contamination.

No. of Pages: 63 No. of Claims: 26

(21) Application No.5159/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MOLDABLE INJURY THERAPY DEVICE AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:A61F5/058 :61/416066 :22/11/2010 :U.S.A. :PCT/US2010/061521	()
Filing Date (87) International Publication No (61) Patent of Addition to Application	:21/12/2010 :WO 2012/071053	1)JORISSEN Koen Jozef Maria
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A multi phase orthopedic system including a moisture impervious sleeve a moldable splint including a covered resin impregnated substrate an elongate removable wrap for retaining the splint on the limb and a removable cast for application to the limb during a subsequent treatment phase including a cast body having an interior side and exterior side and a flap earned by the body and movable between an open position and a closed position overlying a part of the cast body to be applied to a treatment area of the limb the flap adapted to cover and retain between the cast body and the flap the splint worn by the patient during the initial treatment phase in the same position as the location of the splint during the initial treatment phase. A method of immobilizing a limb in multiple treatment phases utilizing the multi phase orthopedic system.

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

(19) INDIA

(22) Date of filing of Application: 10/06/2013

(21) Application No.5160/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: NOTCHED FASTENER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/11/2011 :WO 2012/078385 :NA :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)COOPER William J.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An fastener for use with a fastener dispensing systems is provided. The fastener generally is formed as part of a continuously molded staple fastener stock (16) having a pair of spaced side rails (18) with laterally extending filaments (13) extending between the side rails (18). A series of notches (25) are formed in at least one of the side rails (18) for engagement by linearly moving fingers of the fastener dispensing system. The linearly moving fingers engage the rails of the notches (25) and incrementally move the fastener stock (16) forwardly for separation of the fasteners from the fastener stock (16) and engagement by the needle assembly of the fastener dispensing system.

No. of Pages: 29 No. of Claims: 23

(21) Application No.4986/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : STEEL FIBRE FOR REINFORCING CONCRETE OR MORTAR HAVING AN ANCHORAGE END WITH AT LEAST THREE STRAIGHT SECTIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:14/12/2011 :WO 2012/080323 :NA	(71)Name of Applicant: 1)NV BEKAERT SA Address of Applicant:Bekaertstraat 2 B 8550 Zwevegem Belgium (72)Name of Inventor: 1)LAMBRECHTS Ann 2)VAN HAEKE Martin
· /	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a steel fibre for reinforcing concrete or mortar. The steel fibre comprises a middle portion and an anchorage end at one or both ends of the middle portion. The middle portion has a main axis. The anchorage end comprises at least a first straight section a first bent section a second straight section as second bent section and a third straight section. The first straight section and the third straight section are bending away from the main axis of the middle portion in the same direction. The second straight section is substantially parallel with the main axis of said middle portion. The invention further relates to a concrete structure comprising steel fibres according to the present invention and to the use of steel fibres for load carrying structures of concrete.

No. of Pages: 39 No. of Claims: 15

(21) Application No.4987/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NOVEL PHOSPHONIC ACIDS AS S1P RECEPTOR MODULATORS

(51) International classification :C07F9/38,A61K31/662,A61K31/675

(31) Priority Document No :61/416636 (32) Priority Date :23/11/2010 (33) Name of priority

country :U.S.A.

(86) International Application No :PCT/US2011/060692

Filing Date :15/11/2011

(87) International Publication No :WO 2012/071212

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number

NA

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NA

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NA

NA

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NA

(71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant :2525 Dupont Drive Irvine California

92886 U.S.A.

(72)Name of Inventor:
1)TAKEUCHI Janet A.

2)LI Ling 3)CHOW Ken 4)IM Wha Bin

(57) Abstract:

Filing Date

The present invention relates to novel phosphonic acids derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

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

(21) Application No.5169/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PRODUCTION AND REPAIR OF FIBRE REINFORCED COMPOSITE COMPONENTS WITH ENHANCED SURFACE AND ADHESION PROPERTIES

(51) International :B29C70/02,B29C70/08,B29C71/02

classification

(31) Priority Document No :2010905414 (32) Priority Date :09/12/2010 (33) Name of priority country: Australia

(86) International Application :PCT/AU2011/001577

No

:07/12/2011 Filing Date

(87) International Publication :WO 2012/075524

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)OUICKSTEP TECHNOLOGIES PTY LTD

Address of Applicant: 136 Cockburn Road North Coogee

Western Australia 6163 Australia

(72)Name of Inventor:

1)GRAHAM Neil Deryck Bray

(57) Abstract:

A method of joining a fibre reinforced laminate layer to a surface (3) including applying a layer of melted resin on to the surface (3) the resin displacing air from the surface and solidifying upon cooling on the surface to thereby form a layer of solidified resin (7) thereon applying a composite lay up (13) over the resultant layer of solidified resin and heating and melting the resin so that the composite lay up is submerged in the melted resin and the resin is subsequently cured to thereby form the laminate layer (19).

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

(21) Application No.5172/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: FITTING FOR VEHICLE SEAT

(51) International

:B60N2/20,B60N2/225,B60N2/235

classification

:10 2011 013 163.9

(32) Priority Date

:04/03/2011

(33) Name of priority country

:Germany

(86) International Application

(31) Priority Document No

:PCT/EP2012/000689

:17/02/2012

:NA

Filing Date (87) International Publication

:WO 2012/119698

No

(61) Patent of Addition to **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)KEIPER GMBH & CO. KG

Address of Applicant: Hertelsbrunnenring 2 67657

Kaiserslautern Germany (72)Name of Inventor:

1)ASSMANN Uwe

(57) Abstract:

The invention relates to a fitting (1) for a vehicle seat, in particular for a motor vehicle seat, having a first fitting part (11), a second fitting part (12) which is mounted on the first fitting part (11), and which is rotatable relative to said first part about a central axis (A), a peripheral clamping ring (21) which has a substantially L-shaped cross section, and which is connected to the first fitting part (11) and extends over the second fitting part (12) for axially securing same, and an intermediate ring (31) which has a substantially Lshaped cross section, and which is arranged between the peripheral clamping ring (21) and the second fitting part (12), wherein, a ledge (12a) is formed on the second fitting part (12), which ledge is radially inwardly offset with respect to the maximum outer diameter, and has an end surface (12c) which extends outward in the radial direction, and a cylindrical supporting surface (12b), the supporting surface (12b) has a diameter which is smaller than the maximum outer diameter of the second fitting part (12), and the cylindrical supporting surface (12b) directly or indirectly supports the peripheral clamping ring (21).

No. of Pages: 22 No. of Claims: 14

(21) Application No.5174/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: BLENDS OF DIBENZOATE PLASTICIZERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B60C1/00 :61/460329 :30/12/2010 :U.S.A. :PCT/US2011/067572 :28/12/2011 :WO 2012/092366 :NA :NA	(71)Name of Applicant: 1)EMERALD KALAMA CHEMICAL LLC Address of Applicant: 1296 Third Street NW Kalama Washington 98625 U.S.A. (72)Name of Inventor: 1)ARENDT William D. 2)MCBRIDE Emily
Number		
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Plasticizer blends comprise a triblend of diethylene glycol dibenzoate dipropylene glycol dibenzoate and 1 2 propylene glycol dibenzoate in specified ratios useful in combination with a multitude of thermoplastic polymers thermosetting polymers and elastomeric polymers and numerous applications including but not limited to plastisols adhesives sealants caulks architectural coatings industrial coatings OEM coatings inks overprint varnishes polishes and the like. The advantages rendered by the use of the triblend depend on the type of polymer and application in which it is utilized and include among other advantages higher solvating power and lower processing time low VOC s reduced plasticizer freeze point improved gelation and fusion characteristics higher tensile strength superior stain and extraction resistance and improved rheology over traditional diblends of diethylene glycol dibenzoate and dipropylene glycol dibenzoate.

No. of Pages: 62 No. of Claims: 13

(21) Application No.5080/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 07/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: DEVICE FOR CHANNELING A FLOW OF FEED GAS FOR AN INTERNAL COMBUSTION **ENGINE**

(51) International :F02B31/04,F02M35/10,F02B29/04

classification (31) Priority Document No

:1060353 (32) Priority Date :10/12/2010 (33) Name of priority country: France

(86) International Application :PCT/EP2011/071870

No :06/12/2011 Filing Date

(87) International Publication :WO 2012/076503

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)VALEO SYSTEMES THERMIOUES

Address of Applicant: 8 rue Louis Lormand La Verri"re F

78320 Le Mesnil Saint Denis France

(72)Name of Inventor: 1)GILLE Grard

2)BOISSELLE Patrick 3)POTTIER Didier

(57) Abstract:

The invention relates to a device (6) for channeling a stream of feed gas for an internal combustion engine, said device (6) being able to be installed at least 5 facing an exchanger (7) for the thermal conditioning of the stream of gas, the device comprises a first canal (15), referred to as central canal, for the circulation of the stream of gas, delimited by a first part (19) of a wall (17) and intended to channel the stream of gas toward a first zone (20) of a face (40) of the exchanger (7), said device comprising at least one second canal (16), referred to as lateral 10 canal, for the circulation of the stream of gas, delimited by a second part (27) of the wall (17) and intended to channel the stream of gas toward a second zone (28) of said face (40) of the exchanger (7). The invention also relates to an intake airbox of an internal combustion 15 engine and to an air inlet box of said airbox equipped with such a device. It further relates to an air intake module of an internal combustion engine comprising such an airbox.

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

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: HEAT EXCHANGER HEADER BOX AND CORRESPONDING HEAT EXCHANGER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F28F9/02 :1060164 :07/12/2010 :France :PCT/EP2011/070630 :22/11/2011 :WO 2012/076326 :NA :NA	(71)Name of Applicant: 1)VALEO SYSTEMES THERMIQUES Address of Applicant: 8 rue Louis Lormand La Verri"re F 78320 Le Mesnil Saint Denis France (72)Name of Inventor: 1)RIONDET Christian 2)LESUEUR Jean Marc 3)BURGAUD Damien
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(57) Abstract:

In order to estimate the PM deposition amount with high precision and eliminate a wrong in struction for manual forced regeneration, a particulate matter deposition amount estimation device is provided with: a differential pressure deposition amount calculation unit (41) which, on the basis of the differential pressure of a DPF (72) and an exhaust gas flow rate, calculates the differential pressure deposition amount of PM deposited on the DPF (72); a model deposition amount calculation unit (42) which, using a model for subtracting the amount of PM burned in the DPF (72) from the amount of P M in exhaust gas inputted to the DPF (72), calculates the model deposition amount of PM deposited on the DPF (72); a differential pressure deposition amount time-rate-of-change calculation unit (43) which calculates the time rate of change of the differential pressure deposition amount; and a P M deposition amount calculation unit (44) which, when, with the sum of a first coefficient and a second coefficient as a constant value, multiplying the differential pressure deposition amount by the first coefficient, multiplying the model deposition amount by the second coefficient, and calculating, as a PM deposition amount, a value obtained by adding the values obtained by the respective multiplications, sets the value of the first coefficient larger than the value of the second coefficient if the exhaust gas flow rate exceeds a predetermined amount, and reduces the first coefficient i f the exhaust gas flow rate exceeds the predetermined value and the time rate of change of the differential pressure deposition amount is a predetermined threshold value or more.

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

(21) Application No.5083/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 07/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: PROCESS FOR COATING A THREADED TUBULAR COMPONENT THREADED TUBULAR COMPONENT AND RESULTING CONNECTION

(51) International :C10M107/44,C09D175/00,E21B17/042

classification

(31) Priority Document :10/05156

(32) Priority Date :29/12/2010 (33) Name of priority :France

country

(86) International

:PCT/EP2011/006258 Application No :12/12/2011

Filing Date (87) International

Publication No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date (62) Divisional to **Application Number**

:WO 2012/089304

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2)NIPPON STEEL & SUMITOMO METAL

CORPORATION

(72)Name of Inventor:

1)PINEL Eliette

2)GARD Eric 3)PETIT Mikael

4)GOUIDER Mohamed

(57) Abstract:

Filing Date

The invention concerns a threaded tubular component for drilling or working hydrocarbon wells said tubular component having at one of its ends (1; 2) a threaded zone (3; 4) produced on its outer or inner peripheral surface depending on whether the threaded end is male or female in type in which at least a portion of the end (1; 2) is coated with at least one film of polyurethane (12) 100% solid state with an essentially rigid structure based on a matrix of polyurethane and polyurea in which the urethane functionality is predominant with respect to the urea functionality in a proportion of at least 55% by weight.

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

(21) Application No.5134/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ACETIC ACID PRODUCTION METHOD

(51) International :C07C51/50,C07C51/44,C07C53/08 classification

(31) Priority Document No :2010288523 (32) Priority Date :24/12/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/077847

:01/12/2011 Filing Date

(87) International Publication: WO 2012/086386

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant: 1)Daicel Corporation

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5300001 Japan

(72)Name of Inventor: 1)SHIMIZU Masahiko

2)SAITO Rvuji 3)MIURA Hiroyuki 4)UENO Takashi

(57) Abstract:

The present invention produces acetic acid while effectively inhibiting the concentration of hydrogen iodide in an evaporation tower (second evaporation tower) which purifies crude acetic acid by re-evaporation. A n acetic acid production method comprises: an acetic acid collection step in which a volatile component, comprising at least acetic acid, methyl acetate, methyl iod ide, water and hydrogen iodide, i s supplied to a first evaporation tower, a first low-boiling-point component i s separated, and a first liquid fluid containing mainly acetic acid is collected; and an acetic acid purification step in which the first liquid fluid is supplied to a second evaporation tower, a second low-boiling-point component is separated, and a second liquid tluid containing acetic acid is collected. In the acetic acid production method, an alkali component is added to the first liquid fluid by the following method (1) and/or (2), and a fluid to be treated containing the alkali component and the first liquid fluid is evaporated in the second evaporation tower. (1) The alkali component is added to or mixed with the first liquid fluid before being supplied to the second evaporation tower. (2) The alkali component is added to or mixed with the first liquid fluid in the second evaporation tower from the same height or above the height at which the first liquid fluid is supplied.

No. of Pages: 97 No. of Claims: 15

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ACETIC ACID PRODUCTION METHOD

(51) International :C07C51/44,B01J23/46,C07C51/12 classification

(31) Priority Document No :2010279798 (32) Priority Date :15/12/2010

(33) Name of priority country: Japan

(86) International Application :PCT/JP2011/077845

:01/12/2011 Filing Date

(87) International Publication :WO 2012/081417

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(19) INDIA

(71)Name of Applicant: 1)Daicel Corporation

(21) Application No.5135/DELNP/2013 A

Address of Applicant: 3 4 5 Umeda Kita ku Osaka shi Osaka

5300001 Japan

(72)Name of Inventor:

1)SHIMIZU Masahiko 2)SAITO Rvuji

3)MIURA Hiroyuki 4)UENO Takashi

5)NAKAJIMA Hidehiko

(57) Abstract:

A method for producing acenc acia while inhibiting the generation or increase m concentrauon of hydrogen iodide m a flash evaporation chamber. A serial acetic acid production process comprises: a reaction step i n which methanol and carbon monoxide are continuously reacted in a carbonylation reactor in the presence of a catalyst system comprising a metal catalyst, an ion - i c iodide and methyl iodide; a flash evaporation step in which the reaction mixture is continuously supplied to a flasher from the reactor, and flash evaporation is used to evaporate a volatile component comprising at least the generated acetic acid, methyl acetate, and methyl iodide; and an acetic acid collection step i n which a fluid containing the acetic acid i s separated from the volatile component, and the acetic acid is collected. In the aforementioned flash evaporation step, the aforementioned volatile component is sep - arated fiOm the aforementioned reaction mixture, and flash evaporation is carried out under conditions in which the content concentration of the methyl acetate in the catalyst solution comprising at least a metal catalyst and an ionic iodide is 0.6 wt% or more.

No. of Pages: 69 No. of Claims: 12

(21) Application No.5136/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: URINARY CATHETER ASSEMBLY

(51) International classification :A61M25/00,A61M (31) Priority Document No :PA 2010 70549 (32) Priority Date :15/12/2010 (33) Name of priority country :Denmark

(86) International Application No :PCT/DK2011/050478

Filing Date :13/12/2011 (87) International Publication No :WO 2012/079581

(61) Patent of Addition to Application
Number
Filing Date
(62) Divisional to Application Number
Filing Date
:NA
Filing Date
:NA

:A61M25/00,A61M25/01 (71)**Name of Applicant :** :PA 2010 70549 **1)COLOPLAST A/S**

Address of Applicant :Holtedam 1 DK 3050 Humlebaek

Denmark

(72)Name of Inventor:

1)NIELSEN Henrik Lindenskov

(57) Abstract:

A catheter assembly comprising a urinary catheter and a package with flexible walls is provided. Coupling means in form of a first coupling member on the catheter and a second coupling member on the package is further provided. The coupling means are in form of a protrusion or depression on the second coupling member and a matching depression or protrusion on the first coupling member. The user may move the catheter in and out of the package without touching the catheter itself thus eliminating or minimising the risk of contamination of the catheter.

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

(19) INDIA

(22) Date of filing of Application :11/06/2013

(21) Application No.5179/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: TRACK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:GM 26/2011 :17/01/2011 :Austria :PCT/AT2012/000002 :03/01/2012 :WO 2012/097391 :NA :NA	(71)Name of Applicant: 1)GMUNDNER FERTIGTEILE GESELLSCHAFT M.B.H. & CO. KG. Address of Applicant: Kuferzeile 30 A 4810 Gmunden Austria (72)Name of Inventor: 1)NEUMANN Bernhard
Filing Date	:NA	

(57) Abstract:

A track including a covering formed of slab-shaped cover elements, the upper side of which covering forms a traffic surface extending on the level of the rails of the track. The cover elements (2), in their edge zones (6) facing the rails (4) of the track, are only supported on the rails of the track via interposed elastomer profiles (7a, 7b) while engaging in the lateral recesses (8) of the rails (4). The elastomer profiles (7a, 7b) arranged in the lateral recesses (8) of the rails (4) comprise reinforcing elements (14, 15, 16, 27) that are located in the interior (11) of said elastomer profiles (7a, 7b) and/or on the exterior surfaces (12) thereof.

No. of Pages: 15 No. of Claims: 7

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD FOR CALIBRATING A MODULATION POINT OF A PNEUMATIC BRAKE BOOSTER WHICH IS CALCULATED ON THE BASIS OF A PRESSURE SENSOR SIGNAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60T13/52 :102010063838.2 :22/12/2010 :Germany :PCT/EP2011/070902 :24/11/2011 :WO 2012/084403 :NA :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)BRUEX Thomas 2)BUSSMANN Otmar
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(57) Abstract:

The invention relates to a method for calibrating a modulation point of a pneumatic brake booster (10) which is calculated from the at least one pressure sensor signal in which method the vacuum pressure of a vacuum chamber and/or the working pressure of a working chamber of the brake booster (10) are/is determined by means of a pressure sensor (11) which generates the pressure sensor signal and the vacuum chamber of the brake booster (10) can be operatively connected to a master brake cylinder (20) in order to generate a master brake cylinder pressure as a function of the pedal travel of a brake pedal (30); according to the invention the following method steps are provided: a) determination of the master brake cylinder pressure (p) and of the pedal travel (s) b) generation of the quotient (p/s) from the master brake cylinder pressure (p) and pedal travel (s) c) determination of a local maximum value (4) of the profile of the quotient (p/s) formed from the master cylinder pressure (p) and the pedal travel (s) d) determination of a further modulation point as that value of the master brake cylinder pressure (p) which corresponds to the local maximum value (4) determined in method step c) and e) correction of the calculated modulation point by means of the further modulation point which is determined in method step d).

No. of Pages: 15 No. of Claims: 14

(21) Application No.5037/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PLASTIC PRIMARY PISTON WITH PRESSED SHEET METAL FUNCTIONAL INSERT FOR PENETRATION TYPE TANDEM MASTER CYLINDER AND MASTER CYLINDER FITTED WITH SUCH A PISTON

(51) International :B60T11/18,B60T11/20,B60T11/22classification

(31) Priority Document No :1005012

(32) Priority Date :21/12/2010 (33) Name of priority country: France

(86) International Application :PCT/EP2011/071942

No

:06/12/2011 Filing Date

(87) International Publication :WO 2012/084500

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)ROBERT BOSCH GMBH

Address of Applicant: Wernerstrasse 1 70442 Stuttgart

Germany

(72)Name of Inventor:

1)BERNADAT Olivier 2)LHUILLIER Laurent

3)GRECH Daniel 4)RODRIGUEZ Marc

(57) Abstract:

The subject of the invention is a master cylinder mounted primary piston (20) comprising at least one primary piston and one secondary piston mounted in the bore of the master cylinder. These pistons allow a pressure to be created. The primary piston (20) with a body (21) made of moulded plastic is fitted with a functional metal insert (22) and the said insert has the shape of a spherical cap (30) capable of accepting a push rod.

No. of Pages: 15 No. of Claims: 8

(21)

(21) Application No.5186/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: BLISTER CARDS PROMOTING INTUITIVE DOSING

(51) International classification (31) Priority Document No	:A61J1/03 :12/971677 :17/12/2010	(71)Name of Applicant: 1)THE PROCTER & GAMBLE COMPANY Address of Applicant: One Procter & Gamble Plaza Cincinnati Ohio 45202 U.S.A.
(32) Priority Date(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2011/065343	,
Filing Date (87) International Publication No	:16/12/2011 :WO 2012/083109	2)SCHMEICHEL Kelly Lee 3)LA FOSSE MARIN Isabella
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)DEUTSCH Angela Jane 5)INGLIN Thomas Alfred 6)TROMBLEY Kurt Franklin
(62) Divisional to Application Number	:NA	7)POWERS Diane Danheiser
Filing Date	:NA	8)MANGIONE Eduardo De Abreu 9)HAWKINS Craig Andrew

(57) Abstract:

A blister card with a back side and a front side opposite the back side. The front side has a plurality of blisters and each blister contains a unit dose and each unit dose contains an active. Each blister card contains from about 12 hours to about 24 hours of unit doses according to the dosage instructions. The actives can be the same or different.

No. of Pages: 64 No. of Claims: 15

(21) Application No.5187/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PHOTOCHROMIC COMPOUNDS COMPOSITIONS AND ARTICLES

(51) International :G03C1/73,C07D311/94,C09K9/02 classification

(31) Priority Document No :61/459671

(32) Priority Date :16/12/2010 (33) Name of priority country: U.S.A. (86) International Application

:PCT/US2011/057839 No

:26/10/2011 Filing Date

(87) International Publication :WO 2012/082236 No

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

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

(57) Abstract:

(71)Name of Applicant:

1)TRANSITIONS OPTICAL INC.

Address of Applicant :9251 Belcher Road Pinellas Park

Florida 33782 U.S.A. (72)Name of Inventor: 1)CHOPRA Anu

The present invention provides a compound represented by the Formula (I): Wherein substituents R R and R are each independently selected from an electron withdrawing group having a Hammett o value of from 0.05 to 0.85 provided that one of R and R is hydrogen.

No. of Pages: 48 No. of Claims: 30

(21) Application No.5188/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: GRANULATION OF METALLURGICAL SLAG

:C21B3/06,C04B5/06,C22B7/04 (71)Name of Applicant : (51) International classification (31) Priority Document No :91766 1)PAUL WURTH S.A. (32) Priority Date :15/12/2010 Address of Applicant :32 rue dAlsace L 1122 Luxembourg (33) Name of priority country :Luxembourg Luxembourg (86) International Application No: PCT/EP2011/072811 (72)Name of Inventor: Filing Date 1)SOLVI Marc :14/12/2011 (87) International Publication No: WO 2012/080364 2)GREIVELDINGER Bob (61) Patent of Addition to 3)HOFFMANN Mathias :NA **Application Number** 4)FRIEDERICI Claudine :NA Filing Date 5)MICHELS Daniel (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The present invention describes a process for granulation of hot liquid slag wherein the hot liquid slag is mixed with solid metallic particles so as to form a solidified vitrified slag cake mixed with said metallic particles and said slag cake is discharged in a water bath.

No. of Pages: 18 No. of Claims: 15

(21) Application No.5190/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LID FOR A CONTAINER FOR FLUID COLORING PRODUCTS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B44D3/12,B65D43/00 :UD2010A000211 :22/11/2010 :Italy :PCT/IB2011/002760 :21/11/2011 :WO 2012/069904 :NA :NA	(71)Name of Applicant: 1)CPS COLOR EQUIPMENT SPA CON UNICO SOCIO Address of Applicant: Via dell Agricoltura 103 I 41038 San Felice sul Panaro Italy (72)Name of Inventor: 1)BERTOLI Mirko
Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Lid for a container for fluid coloring products comprising a support element (12) substantially annular in shape and provided with an internal shoulder (16) on which the peripheral part of an impermeable and elastic membrane (22) rests and a clamping element (23) disposed inside the support element (12) in order to keep the membrane (22) clamped against the internal shoulder (16). The support element (12) is provided in its upper part with an annular groove (29) and in its lower part comprises a corresponding annular protuberance (30) aligned with the annular groove (29).

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

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ADJUSTMENT TOOL FOR EXTERNAL FIXATOR

(51) International classification :A61B17/64,A61B17/66 (71)Name of Applicant : (31) Priority Document No 1)STRYKER TRAUMA SA :10194328.0 (32) Priority Date Address of Applicant :Bohnackerweg 1 CH 2545 Selzach :09/12/2010 (33) Name of priority country :EPO Switzerland (86) International Application No :PCT/EP2011/072348 (72)Name of Inventor: Filing Date 1)VERMA Umesh :09/12/2011 (87) International Publication No :WO 2012/076695 2)MATHUR Usha (61) Patent of Addition to Application 3)DORAWA Klaus :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An adjustment tool (10) for an external fixator for exerting a compression or distraction on a broken bone fixed by bone pins (2) spanned over such a fracture comprises: a fitting element (12) for holding fast a clamping assembly (3) of the external fixator a positioning clamp (11) for fixing the adjustment tool on a rod (1) of the external fixator near said clamping assembly (3) and a connecting element (13) attached to the fitting element (12) and the positioning clamp (11) adapted to move the fitting element (12) towards to or away from the positioning clamp (11). The fitting element (12) comprises a blocking sleeve (122) adapted to push the uppermost jaw of the clamping assembly (3) in the direction of the longitudinal axis of the clamping assembly (3) to block the second upper most jaw against an abutment portion (129) of the fitting element (12) and further comprises an actuation element (123) within the blocking sleeve (122) to actuate the locking element of the clamping assembly (3) for releasing the rod (1) of the external fixator within the clamping assembly (3) without releasing the bone pin (3).

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

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CASPOFUNGIN ANALOG AND APPLICATIONS THEREOF

(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application	:A61K38/12,C07K7/56,C07K1/06 :201010538954.X :10/11/2010 :China :PCT/CN2011/082022	1)SHANGHAI TECHWELL BIOPHARMACEUTICAL CO. LTD Address of Applicant: 4258 Jindu Road Shanghai 201108 China
No Filing Date	:10/11/2011	(72)Name of Inventor : 1)HE Bingming
(87) International Publication No	:WO 2012/062213	2)LI Ming 3)TANG Zhijun
(61) Patent of Addition to Application Number Filing Date	:NA :NA	4)JI Xiaoming
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are a caspofungin analog and applications thereof. Said caspofungin 5 analog is a compound having a structure as indicated in Formula (4), or pharmaceutical acceptable slats thereof. Rl can be chosen from hydroxyl, benzyloxy, phenoxy, substituted phenoxy, or substituted benzyloxy. R2, R3, R4, R5 can be chosen from hydrogen, C1-C6 alkyl, C1-C6 alkoxy, hydroxyl, benzyloxyphenyl, substituted benzyloxyphenyl, nitro, fluorine, chlorine, bromine, or iodine. Also 10 disclosed are a preparation method for and applications of said compound.

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

(21) Application No.5196/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ABSORBENT ARTICLE HAVING RELEASABLE ODOR CONTROL

(51) International :A61L15/28,A61L15/26,A61L15/46 classification

(31) Priority Document No :10015887.2 (32) Priority Date :21/12/2010

(33) Name of priority country: EPO

(86) International Application :PCT/US2011/064117

:09/12/2011 Filing Date

(87) International Publication :WO 2012/087607

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

OH 45202 U.S.A.

(72)Name of Inventor: 1)CAPUTI Mariangela

2)POURCEL Magali

(57) Abstract:

An absorbent article comprises a topsheet a backsheet an absorbent core disposed between the topsheet and backsheet and a cyclodextrin complex comprising cyclodextrin and at least three components complexed with the cyclodextrin. The absorbent article has a Total Headspace Area at Time 0 Minutes of no greater than about 0.50 x 10 a Total Headspace Area at Time 30 Minutes of at least about 1.00 x 10 and a Total Headspace Area at Time 240 Minutes of at least about 2.70 x 10 as measured by the Headspace Test Method.

No. of Pages: 26 No. of Claims: 15

(21) Application No.5197/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE FOR DISPENSING WATER

(51) International classification :G07F13/02,H04W4/08,G05B19/042

(31) Priority Document No :10016064.7 (32) Priority Date :23/12/2010

(33) Name of priority country :EPO

(86) International

Application No :PCT/EP2011/072447

Filing Date :12/12/2011

(87) International Publication No :WO 2012/084573

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date
:NA
:NA
:NA

(71)Name of Applicant:

1)GRUNDFOS HOLDING A/S

Address of Applicant :Poul Due Jensens Vej 7 DK 8850

Bjerringbro Denmark (72)Name of Inventor: 1)DENNING Lars 2)RAVN Ole

(57) Abstract:

The invention relates to a device (1) for Controlling the dispensing of water from at least one water reservoir (8) or a pump (14) to at least one tap (3) and comprises means for Controlling the dispensing of water to the tap (3) and a billing unit, which operates with electronic storage media without using cash. The billing unit and the storage media are designed to transmit value units from one storage medium to the other.

No. of Pages: 19 No. of Claims: 14

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: COMPREHENSIVE RECOVERY METHOD FOR COMPLEX MATERIAL CONTAINING ARSENIC AND VALUABLE METAL SLAGS

(51) International classification: C22B30/04, C22B30/02, C22B7/02 (71) Name of Applicant: (31) Priority Document No :201110260188.X (32) Priority Date :05/09/2011 (33) Name of priority country :China (86) International Application :PCT/CN2012/080278

:17/08/2012 Filing Date

(87) International Publication :WO 2013/034049

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)LEIYANG YANXIN NON FERROUS METALS CO.

Address of Applicant : Group 16 Donglu Country Shuidongjiang Town Leiyang Hunan 421800 China

(72)Name of Inventor: 1)SHI Renzhang

2)SHI Hongjiao 3)LIANG Jinfeng

(57) Abstract:

Disclosed is a comprehensive recovery method for a complex material containing arsenic and valuable metal slags, comprising passing the materials containing ar senic through a primary rotating kiln to volatilize the arsenic, and through a secondary rotating kiln to purify the arsenic, so that an arsenic product containing 99.5% A s20 i s produced; reduction smelting slags fixim the primary and secondary r o tating kilns i n a blowing volatilization furnace, with the res ultant highly arsenious dust being returned t o the primary ro - tating kiln for treatment, and the slags being used as a raw material in a cement manufactory and a raw material for zinc after undergoing strongly reductive dearsenization and volat ilization of zinc in a fuming furnace; the resultant alloy con taining arsenic being subjected to basic oxidizing refinement, and the oxidized/refined alloy after dearsenizations containing Pb > 72%, Sb > 12%, A s20 <0.02%, being sold as a lead-antimony alloy; the basic slags fixim the refinement, containing A s20 10%-20%, being subjected t o crushing, dissolution in base, and filtration, with the slags thereof be ingreturned to a blowing volatilization furnace for treatment; precipitating tin from the basic solution containing tin and arsenic by blowing in CO2, with the filtered tin oxide being sold as a raw material for tin; adding Ca(OH) 2 into the basic filtrate containing arsenic to precipitate arsenic, returning the filtered slags of calcium arsenate to the primary rotating kiln for treatment, and evaporating the remaining basic solution to concentrate and recover the base.

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

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD OF FORMING A CONCRETE BODY WITH A SMOOTH SURFACE AND OF FORMING A FLOOR SURFACE

:C04B41/65,E04F15/12 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SMITH Robert John :1018833.2 (32) Priority Date :08/11/2010 Address of Applicant : Graylings Cottage Navestockside (33) Name of priority country Brentwood CM14 5SG U.K. :U.K. (86) International Application No :PCT/GB2011/052158 2)SMITH Thomas Frederick Filing Date 3)HOWARD Ian David :07/11/2011 (87) International Publication No :WO 2012/063050 (72)Name of Inventor: (61) Patent of Addition to Application 1)SMITH Robert John :NA Number 2)SMITH Thomas Frederick :NA Filing Date 3)HOWARD Ian David (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A method of forming a concrete body with a smooth surface comprises pouring a concrete mix into a mould or frame and then while the mix is still liquid spraying on to the surface thereof an aqueous finishing composition containing powdered stone mica and a cement binder and allowing the mix and the finishing composition to harden. The invention also provides a method forming a floor surface comprising applying to a base floor surface a self levelling screed composition and then while the said composition is still liquid spraying on to the surface of the screed an aqueous finishing composition containing powdered stone mica and a cement binder and allowing the screed composition and the finishing composition to harden.

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

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: USE OF CHIMERIC ANTIGEN RECEPTOR MODIFIED T CELLS TO TREAT CANCER

(51) International classification	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant:
(31) Priority Document No	:61/421470	1)THE TRUSTEES OF THE UNIVERSITY OF
(32) Priority Date	:09/12/2010	PENNSYLVANIA
(33) Name of priority country	:U.S.A.	Address of Applicant :Center For Technology Transfer 3160
(86) International Application No	:PCT/US2011/064191	Chestnut Street Suite 200 Philadelphia PA 19104 6283 U.S.A.
Filing Date	:09/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/079000	1)JUNE Carl H.
(61) Patent of Addition to Application	:NA	2)LEVINE Bruce L.
Number	:NA	3)PORTER David L.
Filing Date	INA	4)KALOS Michael D.
(62) Divisional to Application Number	:NA	5)MILONE Michael C.
Filing Date	:NA	

(57) Abstract:

The present invention provides compositions and methods for treating cancer in a human. The invention includes relates to administering a genetically modified T cell to express a CAR wherein the CAR comprises an antigen binding domain a transmembrane domain a costimulatory signaling region and a CD3 zeta signaling domain.

No. of Pages: 150 No. of Claims: 89

(21) Application No.5200/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR RECLAIMING VALUABLE METAL FROM WASTE ELECTRONIC DEVICES

	n:B09B5/00,B02C13/10,B02C23/14	
(31) Priority Document No	:NA	1)NIPPON MAGNETIC DRESSING CO.LTD.
(32) Priority Date	:NA	Address of Applicant :6 42 Bashaku 3 chome Kokurakita ku
(33) Name of priority country	:NA	Kitakyushu shi Fukuoka 8020077 Japan
(86) International Application	:PCT/JP2011/057832	(72)Name of Inventor:
No	:29/03/2011	1)KIKUGAWA Tsuyoshi
Filing Date		2)HARADA Mikio
(87) International Publication No	:WO 2012/131906	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

In the present invention, valuable metal is reclaimed from waste electronic devices at a low processing cost. By crushing waste electronic devices using an impact crushing machine, the waste electronic devices are separated into printed boards and material other than the printed boards. Then, by crushing the printed boards using a rotary impact crushing machine, the printed boards are separated into mounted components and components other than the mounted components. Valuable metal is reclaimed from the separated mounted components.

No. of Pages: 34 No. of Claims: 2

(21) Application No.5201/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD FOR RECOVERING VALUABLE METALS FROM WASTE LITHIUM ION SECONDARY BATTERIES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:10/06/2011 :WO 2012/169073 :NA :NA	(71)Name of Applicant: 1)NIPPON MAGNETIC DRESSING CO.LTD. Address of Applicant: 6 42 Bashaku 3 chome Kokurakita ku Kitakyushu shi Fukuoka 8020077 Japan (72)Name of Inventor: 1)HARADA Mikio 2)TOKUDA Satoru
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Waste lithium-ion secondary batteries are heated with a su perheated vapor having a temperature of 350-550° to pyrolyzed the organic substances contained in the batteries. Subsequently, the residue is subjected successively to primary crushing with a crusher, primary classification at a classification point of 0 . 15-0.60 mm, and secondary crushing, in which the current collectors remaining on the sieve are crushed with a vibration mill. Secondary classification is then conducted in wmch the product of the sec ondary crushing is classified at the same classification point, and the residue of the positive-electrode materials which contains rare metals is recovered from under the sieve. Thus, the organic substances in the batteries can be in expensively pyrolyzed while inhibiting oxidation of the metals and genera tion of dioxins. Furthermore, since the positive-electrode current collectors constituted of aluminum do not melt, the valuable metals in the positive-electrode materials are recovered to a higher degree.

No. of Pages: 27 No. of Claims: 2

(21) Application No.5202/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: CONCENTRATED FLAVOUR BASE PRODUCT

:12/12/2011

:PCT/EP2011/072462

:WO 2012/080175

(51) International classification :A23L1/227,A23L1/39,A23L1/40 (71)Name of Applicant: (31) Priority Document No :201010613489.1 :13/12/2010

(32) Priority Date (33) Name of priority country :China

(86) International Application

Filing Date (87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)NESTEC S.A.

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor:

1)LIAN HWEE PENG Rebecca

2)OIN Lan 3)ULMER Helge

(57) Abstract:

A concentrated flavour base product prepared by carrying out a thermal reaction between a tonality delivering ingredient and at least one thermal reaction precursor and a method for preparing a culinary flavouring product from ingredients including a tonality delivering ingredient and other ingredients comprising reacting the tonality delivering ingredient with at least one thermal reaction precursor to obtain an intermediate product and processing the intermediate product with the other ingredients to obtain the final culinary flavouring product.

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

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NEW DIBENZOATE PLASTICIZER/COALESCENT BLENDS FOR LOW VOC COATINGS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08K5/10 :61/460329 :30/12/2010 :U.S.A. :PCT/US2011/067584 :28/12/2011 :WO 2012/092370 :NA :NA	(71)Name of Applicant: 1)EMERALD KALAMA CHEMICAL LLC Address of Applicant:1296 Third Street NW Kalama Washington 98625 U.S.A. (72)Name of Inventor: 1)ARENDT William D. 2)MCBRIDE Emily
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(57) Abstract:

A novel low volatility non phthalate plasticizer/coalescent blend for use in paints and other polymeric coatings comprises a triblend of diethylene glycol dibenzoate dipropylene glycol dibenzoate. The triblend when used in a paint or other coatings achieves a low VOC paint or coating having stable viscosity after three freeze/thaw cycles and equivalent or superior wet edge/open time ratings gloss ratings scrub resistance and block resistance when compared to traditional coalescents including without limitation high VOC coalescents low VOC non dibenzoate coalescents and other dibenzoate blends. The triblend may be used as a substitute or alternative coalescent in latex and acrylic emulsion coatings among others to achieve a lower VOC content without sacrificing performance properties.

No. of Pages: 34 No. of Claims: 9

(19) INDIA

(22) Date of filing of Application :11/06/2013

(21) Application No.5183/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: MIRROR

(51) International classification	:C03C17/38,G02B5/08	(71)Name of Applicant :
(31) Priority Document No	:10195565.6	1)AGC GLASS EUROPE
(32) Priority Date	:17/12/2010	Address of Applicant :R&D Centre Chausse de La Hulpe 166
(33) Name of priority country	:EPO	B 1170 Bruxelles (Watermael Boitsfort) Belgium
(86) International Application No	:PCT/EP2011/072973	(72)Name of Inventor:
Filing Date	:15/12/2011	1)VENTELON Lionel
(87) International Publication No	:WO 2012/080424	2)COSIJNS Bruno
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	,111.	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Mirrors with no copper layer according to the present invention comprise a glass substrate a silver coating layer provided at a surface of the glass substrate and at least two paint layers covering the silver coating layer the outermost paint layer comprising a polyurethane resin based paint. They are characterised in that the paint layers are free of alkyd resin and in that the first paint layer closest to the silver coating layer has a thickness of at least 10 μ m.

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

(21) Application No.5210/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: HEATING ELEMENT FOR A GAS SENSOR

(51) International :G01N27/406,H05B3/10,G01N27/12 classification

(31) Priority Document No :10 2010 063 529.4 (32) Priority Date :20/12/2010

(33) Name of priority :Germany country

(86) International :PCT/EP2011/070118

Application No :15/11/2011

Filing Date

(87) International Publication: WO 2012/084343

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant: 1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)GUENSCHEL Harald 2)PETERS Christoph

(57) Abstract:

Proposed are a sensor element (110) and a heating element (112), in particular for use in a sensor element (110). The sensor element (110) can be adapted in particular for capturing at least one property of a gas in a measurement gas space. The heating element i (112) comprises at least two contact elements (120) and at least two heating paths (126, 128) to which a heating current can be applied via the contact elements (120). The heating element (112) is configured such that, at at least two different temperatures, a total current, provided via the contact elements (120), is divided differently over the heating paths (126, 128).

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

(21) Application No.5212/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

:NA

:NA

(54) Title of the invention : FORGERY PREVENTION MEMBER FORGERY PREVENTION PAPER AND METHOD FOR PRODUCING SAME

(51) International classification :D21H21/42,B42D15/10 (71)Name of Applicant : (31) Priority Document No 1)TOPPAN PRINTING CO. LTD. :2010273369 :08/12/2010 (32) Priority Date Address of Applicant :5 1 Taito 1 chome Taito ku Tokyo (33) Name of priority country :Japan 1100016 Japan (86) International Application No :PCT/JP2011/078470 (72)Name of Inventor: Filing Date 1)MURAKAMI Toru :08/12/2011 (87) International Publication No :WO 2012/077761 2)GOCHO Satoshi (61) Patent of Addition to Application 3)NAKASHIBA Michiva :NA Number 4)KUBO Akira :NA Filing Date

(57) Abstract:

Filing Date

The present invemion provides a iorgery prevention paper which can exhibit excellent ofiset pnntability and m which forgery prevention members scarcely stick to each other in the course of paper making. A method for producing a forgery prevention member, said method comprising: forming a first adhesive layer, said first adhesive layer being capable of adhering to a paper, on one surface of a sheet-type substrate having a forgery prevention effect; forming a second adhesive layer, said second adhesive layer being capable of adhering to the paper, on the other surface of the sheet-type substrate; superimposing the sheet-type substrate on a first water-soluble sheet or an unsized paper sheet, with said first adhesive layer being interposed therebetween; superimposing the sheet-type substrate on a second water-soluble sheet or an unsized paper sheet, with said second adhesive layer being interposed therebetween; and cutting or punching the sheet-type substrate, said sheet-type substrate being provided with the first and second adhesive layers formed thereon, in the state of being sandwiched between the first and second water-soluble sheets or unsized paper sheets to give a nbrous or filmy forgery prevention member.

No. of Pages: 48 No. of Claims: 10

(62) Divisional to Application Number

(22) Date of filing of Application :05/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DISTRIBUTED SCHEDULING COORDINATION FOR PLURAL SERVICE AREAS

(51) International classification :H04W72/12,H04W72/04 (71)Name of Applicant : (31) Priority Document No :12/944204 1)TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) (32) Priority Date Address of Applicant: S 164 83 Stockholm Sweden :11/11/2010 (33) Name of priority country (72)Name of Inventor: :U.S.A. (86) International Application No 1)GUEY Jiann Ching :PCT/IB2011/054744 Filing Date 2)KOORAPATY Havish :24/10/2011 (87) International Publication No :WO 2012/063156 (61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

An apparatus (20) is associated with a telecommunications node (N) which serves a service area (S) which belongs to one set of plural sets of service areas comprising a network. The apparatus (20) divides a time resource for the node into plural phases in coordinated manner with other service areas. The apparatus (20) further generates a schedule for transmission/reception of user traffic for wireless terminals served by the node for plural consecutive phases. The schedule is generated so that during the plural consecutive phases the node can transmit and receive scheduled user traffic before receiving in the plural consecutive phases scheduling information from another node which serves another set of service areas.

No. of Pages: 53 No. of Claims: 31

(21) Application No.5214/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : POWER CONVERSION DEVICE CONTROL DEVICE FOR POWER CONVERSION DEVICE AND CONTROL METHOD FOR POWER CONVERSION DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:2010279998 :16/12/2010 :Japan	(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)KURODA Eisuke 2)SATO Yasuo 3)WATANABE Masahiro 4)KAWAHARA Taichiro
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(57) Abstract:

A command system of a power conditioning system of the present invention receives return pattern information including a time instance and an upper output limit, and issues a command with respect to the upper output limit of the power conditioning system, the return pattern information being for preventing the frequency of an isolated power system, which is calculated by a planning server, from causing a sharp change.

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

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: DRY POWDER INHALER

(51) International :A61M15/00,B65D25/54,B65D81/30 classification

(31) Priority Document No :1060451 (32) Priority Date :14/12/2010

(33) Name of priority :France

country (86) International

:PCT/FR2011/052937 Application No

:12/12/2011 Filing Date

(87) International

:WO 2012/080635 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA **Application Number** :NA Filing Date

(71)Name of Applicant: 1)APTAR FRANCE SAS

(21) Application No.5216/DELNP/2013 A

Address of Applicant: Lieudit le Prieur F 27110 Le Neubourg

(72)Name of Inventor: 1)BROUET Guillaume 2)SALLAK Zakaria

(57) Abstract:

The invention relates to a dry-powder inhaler (100; 200), comprising: a body (110; 210) forming a disper sion chamber (111; 211); a dispensing opening (13 1; 23 1) through which the user inhales; a loading opening (121; 220) receiving a capsule (10) that contains a dose of dry powder to be inhaled; and a capsule-opening means (140; 265) for opening a capsule inserted into said loading opening and emptying said dose of powder into said dispersion chamber, wherein said body (110; 210), at at least one wall of said dispersion chamber, is made of a tinted transparent material suitable for at least partially filtering ultraviolet rays and making it possible to see inside the dispersion chamber while at least partially masking powder residue stuck to said at least one wall made of tinted transparent material.

No. of Pages: 29 No. of Claims: 4

(21) Application No.5217/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention : NOVEL BACTERIUM AND EXTRACTS OF SAID BACTERIUM AND THE USE OF SAME IN DERMATOLOGY

(51) International classification :C12N1/20,A61K35/74,A61P17/00

classification .C12N1/20,A01R33//4,A01111//

(31) Priority Document No :1061081 (32) Priority Date :22/12/2010 (33) Name of priority country :France

(86) International Application :PCT/EP2011/073747

No :22/12/2011

Filing Date
(87) International Publication

(87) International Publication :WO 2012/085182

(61) Patent of Addition to Application Number :NA :NA

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

2)UNIVERSITE PIERRE ET MARIE CURIE (PARIS 6)

3)CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIQUE (CNRS) (72)Name of Inventor: 1)LEBARON Philippe

2)BOURRAIN Muriel 3)CASTEX RIZZI Nathalie

4)NGUYEN Thien

(57) Abstract:

The present invention relates to a novel bacterial strain isolated from groundwater. The invention also relates to bacterial extracts and to the use of same in the context of the treatment of inflammations. More particularly the present invention relates to novel compositions of interest in the treatment and the prevention of inflammatory disorders notably dermatological pathologies.

No. of Pages: 46 No. of Claims: 20

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : ELECTRICITY CHARGING DEVICE FOR MECHANICAL CAR PARK AND MECHANICAL CAR PARK WITH SAME

(51) International classification :E04H6/42,E04H6/18,H02J7/00 (71)Name of Applicant : 1)MITSUBISHI HEAVY INDUSTRIES PARKING CO. (31) Priority Document No :2011132609 (32) Priority Date :14/06/2011 (33) Name of priority country Address of Applicant: 3 1 Minatomirai 3 chome Nishi ku :Japan (86) International Application No :PCT/JP2012/064727 Yokohama shi Kanagawa 2208401 Japan Filing Date (72)Name of Inventor: :07/06/2012 (87) International Publication No :WO 2012/173045 1)NODA Seiichi (61) Patent of Addition to 2)KOTANI Eiii :NA **Application Number** 3)SAISHO Masaaki :NA Filing Date 4)MIYAZAKI Takashi (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

An electricity charging device (21) is provided with: electric power sup ply-side connection sections (22A-22D) ar ranged at predetermined intervals on convey ance paths (3, 4) for pallets (6); electric power receiving- side connection sections BB (23) provided t o the pallets (6) and making contact with the electric power supply- side connection sections (22A-22D); and receptacle sections (24) which are provided to the 4 pallets (6), are electrically connected t o the electric power receiving-side connection sections (23), and relay and supply electric 25 [I M I] 2 2 ¾ power, which i s supplied from the electric power supply-side connection sections (22A-22D), t o electric vehicles (5). The electric power receiving- side connection sections (23) have a shape having a predetermined 2 22A 25 2 2 length along the direction of movement of the pallets (6). The positions at which the electric power supply-side connection sections (22AAA Supply of electric power is being stopped 22D) are installed are set i n such a manner BB Electric power is being supplied that, irrespective o f the positions o f the pal CC Light is on lets (6) on the conveyance paths (3, 4), the DD Light is off contact point (35) of at least one of the electric power supply-side connection sections (22A-22D) i s always in contact with an electric power receiving- side connection section (23).

No. of Pages: 43 No. of Claims: 6

(21) Application No.5161/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MOISTURE RESISTANT MOLDABLE INJURY THERAPY DEVICE AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F5/05 :NA :NA :NA :NA :PCT/US2012/039069 :23/05/2012 :WO 2013/176663 :NA :NA :NA	(71)Name of Applicant: 1)BSN MEDICAL INC. Address of Applicant: 5825 Carnegie Boulevard Charlotte NC 28209 4633 U.S.A. (72)Name of Inventor: 1)JORISSEN Koen Jozef Maria
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(57) Abstract:

A moisture resistant multi phase orthopedic system including a moisture impervious sleeve a moldable splint including a covered resin Impregnated substrate an elongate wrap for retaining the splint on the limb and a removable cast for application to the limb during subsequent treatment phase Including a cast body having interior side and exterior side and comprising a fabric having an open structure for providing enhanced moisture transfer away from the skin and a movable flap carried by the body overlying a part of the cast body to be applied to a treatment area of the limb the flap adapted to cover and retain between the cast body and the flap the splint worn by the patient during the initial treatment phase in the same position as the location of the splint during the initial treatment phase. A method of immobilizing a limb in multiple treatment phases utilizing the orthopedic system.

No. of Pages: 53 No. of Claims: 17

(21) Application No.5162/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CARDIO PROTECTIVE AGENTS FROM KIWIFRUITS

(51) International classification	:A61K36/185,A61P9/10	(71)Name of Applicant:
(31) Priority Document No	:61/420499	1)UNIVERSITY OF OSLO
(32) Priority Date	:07/12/2010	Address of Applicant :P.O. Box 1071 Blindern NO 0316 Oslo
(33) Name of priority country	:U.S.A.	Norway
(86) International Application No	:PCT/US2011/063454	(72)Name of Inventor:
Filing Date	:06/12/2011	1)DUTTAROY Asim Kanti
(87) International Publication No	:WO 2012/078587	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to cardio protective agents. In particular the present invention relates to cardio protective extracts and fractions thereof prepared from kiwi fruit.

No. of Pages: 43 No. of Claims: 39

(21) Application No.5164/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : HEATING MODULE HEATING SYSTEM INCLUDING A PLURALITY OF HEATING MODULES AND FACILITY INCLUDING SUCH A HEATING SYSTEM

(51) International :F27B14/08,F27B14/12,F27B19/04

classification (31) Priority Document No :1060943

(31) Priority Document No :1060943 (32) Priority Date :21/12/2010 (33) Name of priority country :France

(86) International Application :PCT/FR2011/053044

No :10/17/2011 Filing Date :19/12/2011

(87) International Publication

:WO 2012/085422

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number: NA

Filing Date :NA

(71)Name of Applicant:

1)FINAXO ENVIRONNEMENT

Address of Applicant :12 alle des Missions F 51170 Fismes

France

(72)Name of Inventor: 1)LESUEUR Didier

(57) Abstract:

The invention relates to a heating mo dule for heating solid material, such as balls (B), up to a predetermined temprature, characterized in that it includes: a heating trough (Ml) including a crucible (Mi l) for receiving the material to be heated, and a burner (M13) for heating the crucible (Mi l) and the material to be heated; and a cover (M2) that is removably mounted on the heating trough (Ml) in order to close the crucible (Ml l).

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

(21) Application No.5166/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PASSENGER CONVEYOR AND STEPS FOR PASSENGER CONVEYOR

(51) International :B66B23/12,B66B29/02,B66B29/04 classification

(31) Priority Document No :NA

(32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/JP2010/007352

:20/12/2010 Filing Date

(87) International Publication: WO 2012/085957

No

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(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)INOSE Teppei

2)UTSUNOMIYA Hirobumi 3)MATSUMOTO Tatsuya

Provided are a passenger conveyor and ste s [5] therefor, the passenger conveyor having improved safety be cause of being configured so that, even i f there is a difference in height at joints of skirt guards, the steps are not caught. Provided are: a passenger conveyor comprising steps (14) having risers (26); and steps used for a passenger conveyor. Skirt guards (16) are formed by arranging plate-like members 1 9 along the direction (c) of movement of the steps, and a cham fer (d) having a dimension greater than the plate thickness of the s irt guards (16) is provided to each of the outermost side end surfaces of each of the risers (26) so as to be located at both the front side and rear side of the riser (26) in the direction (c) of movement of the steps.

No. of Pages: 23 No. of Claims: 8

(21) Application No.5167/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROGRAMMABLE CONTROLLER

(51) International classification	:G06F9/38,G06F12/08	(71)Name of Applicant:
(31) Priority Document No	:2010275719	1)HITACHI LTD.
(32) Priority Date	:10/12/2010	Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku
(33) Name of priority country	:Japan	Tokyo 1008280 Japan
(86) International Application No	:PCT/JP2011/077328	(72)Name of Inventor:
Filing Date	:28/11/2011	1)NAKAMIKAWA Tetsuaki
(87) International Publication No	:WO 2012/077516	2)KAMIWAKI Tadashi
(61) Patent of Addition to Application	:NA	3)YAMADA Tsutomu
Number	:NA	4)SHIRAISHI Masahiro
Filing Date	,11/1	5)OTANI Tatsuyuki
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Provided is a programmable controller that prevents interrupts of a pipeline processing arising from read-modify-write operations, which occur frequently in programmable controllers including ladder language bit operation processors. A pipeline stage (execution stage (EX)) 10 which carries out bit operations and bit data merges is disposed after a pipeline stage (read stage (R)) which loads data subject to read-modify-write in a buffer register (141) and holds the address of the subject data in an address holding circuit (22), and thereafter, a pipeline stage (write stage (W)) which stores 15 the merge result at the address that is held in the read stage (R) is disposed.

No. of Pages: 51 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :11/06/2013

(21) Application No.5175/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: ELUENT SOLUTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07B59/00 :61/427839 :29/12/2010 :U.S.A. :PCT/EP2011/073670 :21/12/2011 :WO 2012/089594 :NA :NA :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)WICKSTROM Torild 2)SVADBERG Anders 3)HJELSTUEN Ole Kristian 4)EVJE Dag M. 5)OCHSENFELD Liane
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(57) Abstract:

The present invention provides a novel method for the preparation of F fluoride (F) for use in radiofluorination reactions. The method of the invention finds use especially in the preparation of F labelled positron emission tomography (PET) tracers. The method of the invention is particularly advantageous where bulk solutions are prepared and stored in prefilled vials rather than being freshly prepared on the day of synthesis. Also provided by the present invention is a radiofluorination reaction which comprises the method of the invention as well as a cassette for use in carrying out the method of the invention and/or the radiofluorination method of the invention on an automated radiosynthesis apparatus.

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

(21) Application No.5177/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ORGANIC COLORANTS AND COLORED POLYMER COMPOSITIONS HAVING HIGH STABILITY AGAINST WEATHERING

(51) International classification :C08K5/00,C08K5/34,C09B57/00 (71)Name of Applicant: (31) Priority Document No :RM2010A000670 (32) Priority Date :17/12/2010 (33) Name of priority country :Italy (86) International Application

:PCT/EP2011/072916 :15/12/2011

Filing Date (87) International Publication :WO 2012/080398

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant : Alfred Nobel Strasse 10 40789

Monheim Germany (72)Name of Inventor: 1)MEYER Alexander 2)WAGNER Michael 3)REICHENAUER Jrg

(57) Abstract:

No

The present invention relates to organic colouring agents with a high colour stability to weathering for thermoplastics. The invention furthermore relates to a polymer composition containing at least one thermoplastic and at least one organic colouring agent, preferably a combination of at least two organic colouring agents, of a specific structure. The invention moreover relates to the use of the colouring agents according to the invention for colouring polymer compositions, in particular for transparent formulations such as are required for the production of panes for use in buildings, motor vehicles and track vehicles or aircraft.

No. of Pages: 39 No. of Claims: 15

(21) Application No.5178/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD AND DEVICE FOR MEASURING THE SPEED OF A ROLLING STOCK

(51) International :B21C51/00,B21B37/46,G01V3/12 classification :B21C51/00,B21B37/46,G01V3/12

(31) Priority Document No :10196184.5 (32) Priority Date :21/12/2010 (33) Name of priority country :EPO

(86) International Application :PCT/EP2011/070191

No :16/11/2011 Filing Date :16/11/2011

(87) International Publication :WO 2012/084344

(61) Patent of Addition to Application Number :NA

Filing Date

(62) Divisional to Application

Number: :NA

Number :NA Filing Date

(57) Abstract:

(71)Name of Applicant:
1)SIEMENS VAI METALS TECHNOLOGIES GMBH

Address of Applicant : Turmstrae 44 A 4031 Linz Austria

(72)Name of Inventor: 1)KEINTZEL Georg 2)WINTER G¹/₄nther

The invention relates to a method for determining the speed of a rolling stock in particular the belt speed of a rolling belt (1) wherein electromagnetic radiation in the microwave range is transmitted to the rolling stock by at least one transmitting and receiving device (3) and the belt speed is determined on the basis of the reflected and received reflection signal in an evaluation device (11). The invention also relates to a device for carrying out the method.

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

(21) Application No.5230/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : NOVEL ALKENE DERIVATIVES AS SPHINGOSINE 1 PHOSPHATE (S1P) RECEPTOR MODULATORS

(51) International :A61K31/4439,C07D413/04,A61P9/10

classification (31) Priority Document No :61/419276

(32) Priority Date :03/12/2010

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

(86) International

Application No :PCT/US2011/062188

Filing Date :28/11/2011

(87) International :WO 2012/074898

(61) Patent of Addition to

Application Number
Filing Date
(62) Divisional to

Application Number Filing Date :NA (71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant :2525 Dupont Drive Irvine CA 92886

U.S.A.

(72)Name of Inventor:

1)FANG Wenkui K. 2)WANG Liming 3)CORPUZ Evelyn G.

4)CHOW Ken

5)IM Wha Bin

(57) Abstract:

The present invention relates to novel alkene derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

No. of Pages: 37 No. of Claims: 14

(21) Application No.5231/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: NOVEL PYRIDINE DERIVATIVES AS SPHINGOSINE 1 PHOSPHATE (S1P) RECEPTOR **MODULATORS**

(51) International :A61K31/4439,C07D413/04,A61P9/10 classification

(31) Priority Document No :61/419276

(32) Priority Date :03/12/2010

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

(86) International

:PCT/US2011/060342 Application No

:11/11/2011 Filing Date

(87) International :WO 2012/074719

(61) Patent of Addition to

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

Publication No

:NA :NA

(71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant: 2525 Dupont Drive Irvine California

92886 U.S.A.

(72)Name of Inventor: 1)FANG Wenkui K. 2)WANG Liming 3)CORPUZ Evelyn G.

4)CHOW Ken 5)IM Wha Bin

(57) Abstract:

Filing Date

The present invention relates to novel pyridine derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

No. of Pages: 51 No. of Claims: 11

(21) Application No.5232/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : NOVEL AZETIDINE DERIVATIVES AS SPHINGOSINE 1 PHOSPHATE (S1P) RECEPTOR MODULATORS

(51) International classification :C07D205/04,A61K31/397,A61P27/02

(31) Priority Document No :61/419288

(32) Priority Date :03/12/2010

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

(86) International :PCT/US2011/062241

Application No :28/11/2011

Filing Date .20/11/2011
(87) International

Publication No :WO 2012/074926

(61) Patent of Addition to Application Number :NA

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

(71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant :2525 Dupont Drive Irvine California

92886 U.S.A.

(72)Name of Inventor:1)SINHA Santosh C.2)BHAT Smita S.

3)CORPUZ Evelyn G.

4)CHOW Ken 5)FANG Wenkui K. 6)IM Wha Bin

(57) Abstract:

The present invention relates to novel azetidine derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

No. of Pages: 45 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INFLATABLE SPREADING TOOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F28F9/013 :61/422381 :13/12/2010 :U.S.A. :PCT/US2011/064364 :12/12/2011 :WO 2012/082594 :NA :NA :NA	(71)Name of Applicant: 1)EXXONMOBIL RESEARCH AND ENGINEERING COMPANY Address of Applicant: 1545 Route 22 East P.O. Box 900 Annandale NJ 08801 0900 U.S.A. (72)Name of Inventor: 1)WANNI Amar S. 2)DE WAGTER Alain 3)REUTHER Michael J. 4)RUZEK Zdenka F.
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(21) Application No.5233/DELNP/2013 A

(57) Abstract:

Method of performing a maintenance operation on a process equipment having at least one bundle of elongated members that includes providing an inflatable spreading tool in a deflated condition inserting the inflatable spreading tool between at least two of the elongated members inflating the inflatable spreading tool so as to increase the separation between the elongated members. A system for use in facilitating a maintenance operation on a process equipment having at least one bundle of elongated members is also provided.

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

(21) Application No.5075/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : MGMT BASED METHOD FOR OBTAINING HIGH YIELD OF RECOMBINANT PROTEIN EXPRESSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C12N9/10,C12N15/62 :10306389.7 :09/12/2010 :EPO :PCT/EP2011/072387 :09/12/2011 :WO 2012/076715 :NA :NA :NA	(71)Name of Applicant: 1)INSTITUT PASTEUR Address of Applicant: 25 28 rue du Docteur Roux F 75015 Paris France (72)Name of Inventor: 1)DESPRES Philippe 2)PAULOUS Sylvie 3)CRUBLET Elodie
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(57) Abstract:

The present invention relates to a novel enhancer of protein production in host cells. It discloses a vector for expressing recombinant proteins in these cells comprising a nucleotide sequence encoding a) a secretion peptidic signal b) a 6 methylguanine DNA methyltransferase enzyme (MGMT EC 2.1.1.63) a mutant or a catalytic domain thereof and c) a recombinant protein. Said MGMT enzyme is preferably the so called SNAP protein.

No. of Pages: 219 No. of Claims: 44

(21) Application No.5235/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: OXADIAZOLE DERIVATIVES AS SPHINGOSINE 1 PHOSPHATE (S1P)RECEPTOR **MODULATORS**

(51) International :A61K31/41,C07D271/06,C07F9/38 classification

:61/419306 (31) Priority Document No (32) Priority Date :03/12/2010

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

(86) International Application :PCT/US2011/060623

No :14/11/2011 Filing Date

(87) International Publication :WO 2012/074730

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number

:NA Filing Date

(71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant: 2525 Dupont Drive Irvine California

92886 U.S.A.

(72)Name of Inventor:

1)FANG Wenkui K. 2)WANG Liming 3)CORPUZ Evelyn G.

4)CHOW Ken

5)IM Wha Bin

(57) Abstract:

The present invention relates to novel oxadiazole derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

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

(21) Application No.5236/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: NOVEL OXADIAZOLE DERIVATIVES AS SPHINGOSINE 1 PHOSPHATE (S1P) RECEPTOR **MODULATORS**

(51) International :A61K31/4439,C07D413/04,A61P9/10 classification

(31) Priority Document No :61/419276

(32) Priority Date :03/12/2010

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

(86) International

:PCT/US2011/060333 Application No

:11/11/2011 Filing Date

(87) International :WO 2012/074718 Publication No

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

Filing Date

(71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant: 2525 Dupont Drive Irvine California

92886 U.S.A.

(72)Name of Inventor:

1)FANG Wenkui K. 2)WANG Liming

3)CORPUZ Evelyn G. 4)CHOW Ken

5)IM Wha Bin

(57) Abstract:

The present invention relates to novel oxadiazole derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

No. of Pages: 53 No. of Claims: 15

(21) Application No.5237/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ALKYNE AND ALKENE DERIVATIVES AS SPHINGOSINE 1 PHOSPHATE 1 RECEPTOR **MODULATORS**

(51) International :C07C43/23,C07C229/14,C07F9/38 classification

:61/419278 (31) Priority Document No

(32) Priority Date :03/12/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/062234

No :28/11/2011 Filing Date

(87) International Publication :WO 2012/074921

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant: 2525 Dupont Drive Irvine California

92886 U.S.A.

(72)Name of Inventor:

1)SINHA Santosh C. 2)BHAT Smita S. 3)CORPUZ Evelyn G.

4)CHOW Ken 5)FANG Wenkui K. 6)IM Wha Bin

(57) Abstract:

The present invention relates to novel alkyne and alkene derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

No. of Pages: 69 No. of Claims: 14

(21) Application No.5240/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: SHIELD CONDUCTOR

(51) International classification :H01B7/17,H01B7/08,H01B7/20 (71)Name of Applicant :

(31) Priority Document No :2010288004 (32) Priority Date :24/12/2010

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2011/079641

Filing Date :21/12/2011

(87) International Publication No: WO 2012/086687

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date

(62) Divisional to Application

:NA Number :NA Filing Date

1)AUTONETWORKS TECHNOLOGIES LTD.

Address of Applicant: 1 14 Nishisuehiro cho Yokkaichi shi

Mie 5108503 Japan

2)SUMITOMO WIRING SYSTEMS LTD.

3)SUMITOMO ELECTRIC INDUSTRIES LTD.

(72)Name of Inventor: 1)AOYAMA Naoki

2)KUWAHARA Masanori

3)SONODA Fujio 4)ITANI Yasushi

5)SUGIMOTO Yoshinori 6)IZAWA Katsutoshi

(57) Abstract:

A shield conductor (10) is provided with: a metal pipe (20); electrical wires (11) running through said pipe (20); first irregularly shaped sections (21) that are provided in the pipe (20) and each have a first narrow section (21A) and a first wide section (21B) having different outside diameters; and a second irregularly shaped section (24) that is formed in the pipe (20) at a lengthwise position different from that of the first irregularly shaped sections (21) and has a second narrow section (24A) and a second wide section (24B) having different outside diameters. The first narrow section (21A) and the second narrow section (24A) are formed at different points along the circumference of the pipe as are the first wide section (21B) and the second wide section (24B).

No. of Pages: 47 No. of Claims: 10

(21) Application No.5242/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHODS AND APPARATUS FOR MULTI STAGE FIRE SUPPRESSION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A62C37/10 :13/023701 :09/02/2011 :U.S.A. :PCT/US2012/020726 :10/01/2012 :WO 2012/108968 :NA :NA	(71)Name of Applicant: 1)FIRETRACE USA LLC Address of Applicant:8435 N. 90th Street Suite 2 Scottsdale AZ 85258 U.S.A. (72)Name of Inventor: 1)ECKHOLM William A. 2)SAMPSON Matthew 3)GAMBOA Ryan
Number	*	S)ONNIDON Ryan
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A multi stage fire suppression system according to various aspects of the present invention is configured to deliver a fire suppressant material in response to multiple detections of a fire condition over time. In one embodiment the multi¬ stage fire suppression system comprises at least two pressure tubes each having a different internal pressure. Each pressure tube is adapted to generate a pneumatic signal in response to exposure to a different trigger event. The pneumatic signal is used to activate a suppression system and release the fire suppressant material from a container. The multi stage fire suppression system may also be configured to signal a secondary hazard detection system that a fire has been detected.

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

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SUBSTITUTED PYRAZOLOPYRIMIDINES AS GLUCOCEREBROSIDASE ACTIVATORS

(51) International classification :C07D487/04,A61K31/519,A61P43/00

(31) Priority Document No :61/420946 (32) Priority Date :08/12/2010 (33) Name of priority :U.S.A.

country

(86) International

Application No :08/12/2011

Filing Date

(87) International Publication No :WO 2012/078855

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
Filing Date

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(71)Name of Applicant :

1)THE UNITED STATES OF AMERICA AS

REPRESENTED BY THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES

Address of Applicant :National Institutes of Health Office of Technology Transfer 6011 Executive Boulevard Suite 325 MSC 7660 Bethesda Maryland 20892 7660 U.S.A.

(72)Name of Inventor:
1)MARUGAN Juan Jose
2)SOUTHALL Noel
3)GOLDIN Ehud
4)ZHENG Wei

5)PATNAIK Samarjit 6)SIDRANSKY Ellen 7)MOTABAR Omid 8)WESTBROOK Wendy

(57) Abstract:

Substituted pyrazolopyrimidines and dihydropyrazolopyrimidines and related compounds their methods of manufacture compositions containing these compounds and methods of use of these compounds in treating lysosomal storage disorders such as Gaucher disease are described herein. The compounds are of general Formula (I) in which variables R R and X are described in the application.

No. of Pages: 59 No. of Claims: 19

(19) INDIA

(22) Date of filing of Application :07/06/2013

(21) Application No.5103/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: THE PRESENT INVENTION RELATES TO A BONE SUBSTITUTE COMPRISING A CORE BASED ON HY-DROXYAPATITE (HA), OBTAINED FROM AT LEAST ONE POROUS WOOD, OR BASED ON COLLAGEN FIBRES AND HYDROXYAPATITE,....

(51) International :A61L27/12,A61L27/24,A61L27/56 classification

(31) Priority Document No :MI2010A002070 (32) Priority Date :08/11/2010

(33) Name of priority country: Italy

(86) International Application :PCT/IB2011/054980

No :08/11/2011 Filing Date

(87) International Publication :WO 2012/063201

(61) Patent of Addition to :NA **Application Number**

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

Number :NA Filing Date

(71)Name of Applicant:

1)CONSIGLIO NAZIONALE DELLE RICERCHE

Address of Applicant: Piazzale Aldo Moro 7 I 00185 Roma

2)UNIVERSIDAD DE SEVILLA

3)LABORATOIRE DEVALUATION DES MAT%RIELS

IMPLANTABLES

(72)Name of Inventor:

1)TAMPIERI Anna

2)SPRIO Simone 3) RUFFINI Andrea

4)WILL Julia

5)GREIL Peter

6)MLLER Frank

7)MART NEZ FERNNDEZ Julian

8)TORRES RAYA Carmen

9) VARELA FERIA Francisco Manuel

10)RAM REZ RICO Joaqun

11)HARMAND Marie Fransoise

(57) Abstract:

The present invention relates to a bone substitute comprising a core based on hydroxyapatite (HA) obtained from at least one porous wood or based on collagen fibres and hydroxyapatite and a shell based on hydroxyapatite (HA) or silicon carbide (SiC) obtained from at least one wood having a lower porosity than the at least one wood of the core. The porous wood has a total porosity of between 60% and 95% preferably between 65% and 85% and it is selected from amongst the choices of rattan pine abachi and balsa wood. The wood of the shell has a porosity of between 20% and 60% preferably between 30% and 50%. The bone substitute is utilized for the substitution and regeneration of bone preferably for bones subjected to mechanical loads such as long bones of the leg and arm preferably the tibia metatarsus femur humerus or radius.

No. of Pages: 43 No. of Claims: 16

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: STATOR FOR A MODULATED POLE MACHINE

(51) International classification	:H02K1/14	(71)Name of Applicant:
(31) Priority Document No	:PA 2010 70573	1)H–GAN,,S AB (publ)
(32) Priority Date	:22/12/2010	Address of Applicant :Bruksgatan 35 S 26383 Hgans Sweden
(33) Name of priority country	:Denmark	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/073347	1)NORD Gran
Filing Date	:20/12/2011	
(87) International Publication No	:WO 2012/084905	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A stator core section for a stator of a modulated pole machine the modulated pole machine comprising the stator a moving device and an active gap between respective interface surfaces of the moving device and the stator for communicating magnetic flux between the stator and the moving device the moving device being adapted to move relative to the stator in a direction of motion wherein the stator core section comprises a stator core back from which a plurality of teeth extend each tooth extending in a respective first direction defining a direction towards the rotor the teeth being arranged along a second direction defining the direction of motion each tooth having at least one side wall facing a neighbouring tooth and an interface surface facing the active gap the interface surface and the side wall forming an edge connecting the interface surface and the side wall; wherein the edge is round defining a radius of curvature in a plane spanned by the first and second directions; and wherein the radius of curvature varies along a lateral direction normal to said plane.

No. of Pages: 38 No. of Claims: 18

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE FOR MEASURING EMULSIONS COMPRISING A VERTICAL TUBE

(51) International classification	:G01F23/284,G01F23/296	(71)Name of Applicant:
(31) Priority Document No	:NA	1)VEGA GRIESHABER KG
(32) Priority Date	:NA	Address of Applicant :Hauptstr. 1 5 77709 Wolfach Germany
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:PCT/EP2010/069997	1)WELLE Roland
Filing Date	:16/12/2010	2)GRIESSBAUM Karl
(87) International Publication No	:WO 2012/079643	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a measuring device 034 for determining an interfacial layer or a mix ratio in a Container. Said measuring device has two filling level measuring arrangements which detect echo curves in a vertical tube and outside said tube. The position of a Virtual interface, or the mix ratio of the two different liquids can be determined from these two echo curves alone.

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

(21) Application No.5245/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SENSING SHOCK DURING WELL PERFORATING

(51) International classification	:E21B47/00,E21B47/01	(71)Name of Applicant:
(31) Priority Document No	:NA	1)HALLIBURTON ENERGY SERVICES INC.
(32) Priority Date	:NA	Address of Applicant :10200 Bellaire Boulevard Houston TX
(33) Name of priority country	:NA	77072 U.S.A.
(86) International Application No	:PCT/US2010/061102	(72)Name of Inventor:
Filing Date	:17/12/2010	1)RODGERS John
(87) International Publication No	:WO 2012/082142	2)SERRA Marco
(61) Patent of Addition to Application	:NA	3)SWENSON David
Number	:NA	4)LINYAEV Eugene
Filing Date	.1171	5)GLENN Timothy S.
(62) Divisional to Application Number	:NA	6)LE Cam
Filing Date	:NA	

(57) Abstract:

A shock sensing tool for use with well perforating can include a generally tubular structure which is fluid pressure balanced at least one strain sensor which senses strain in the structure and a pressure sensor which senses pressure external to the structure. A well system can include a perforating string including multiple perforating guns and at least one shock sensing tool with the shock sensing tool being interconnected in the perforating string between one of the perforating guns and at least one of: a) another of the perforating guns and b) a firing head.

No. of Pages: 29 No. of Claims: 26

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHODS AND COMPOSITIONS USEFUL FOR PROMOTING SLEEP IN ANIMALS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A01N43/38 :61/459181 :07/12/2010 :U.S.A. :PCT/US2011/060597 :14/11/2011 :WO 2012/078317 :NA :NA	(71)Name of Applicant: 1)NESTEC S. A. Address of Applicant: Avenue Nestle 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)ZANGHI, Brian, Michael
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(57) Abstract:

Methods and compositions for promoting sleep in an animal are provided. In a general aspect a sleep promoting amount of astaxanthin and a sleep promoting amount of melatonin are administered in conjunction to an animal. The astaxanthin can be administered in an amount ranging from about 0.1 to about 60 mg/kg/body weight of the animal. The melatonin can be administered in an amount ranging from about U. I to about 40 mg/kg/body weight of the animal. The method can further comprise administering in conjunction a sleep promoting amount of zinc to the animal. The zinc can be administered in an amount ranging from about 10 to about 100 mg/kg/body weight of the animal.

No. of Pages: 25 No. of Claims: 52

(21) Application No.4963/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: FOAMING JUICE COMPOSITIONS

(51) International classification :A23L2/02,A23L2/40,A23L2/54 (71)Name of Applicant :

(31) Priority Document No :61/420690 (32) Priority Date :07/12/2010

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

(86) International Application No: PCT/EP2011/072017 Filing Date :07/12/2011

(87) International Publication No: WO 2012/076578

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)NESTEC S.A.

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)SAHAI Deepak 2)SHER Alexander A.

(57) Abstract:

The present invention relates to a simple foaming juice composition with a viscosity clarity or color of the original juice. In one aspect the invention relates to a foaming juice composition of a juice product and a food grade ester alginate in an amount sufficient to generate or produce a layer of foam thereon without the addition of other foaming agents when the juice product is subjected to gas incorporation without also producing a significant change in viscosity clarity or color of the juice product. In some embodiments the ester alginate is a food grade ester alginate such as propylene glycol alginate ester. In some embodiments the ester alginate is present in an amount of from about 0.01% to about 0.25% and preferably from about 0.05% to about 0.1% of the foaming juice composition. The present invention also relates to a method of making a foaming juice composition by combining a juice product with an alginate ester.

No. of Pages: 22 No. of Claims: 18

(22) Date of filing of Application :04/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: FOAMING TEA COMPOSITIONS

(51) International classification :A23F3/14,A23F3/16,A23F3/30 (71)Name of Applicant :

(31) Priority Document No :61/420680 (32) Priority Date :07/12/2010

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

(86) International Application No :PCT/EP2011/072071

Filing Date :07/12/2011 (87) International Publication No :WO 2012/076599

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(21) Application No.4964/DELNP/2013 A

1)NESTEC S.A.

Address of Applicant : Avenue Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)SAHAI Deepak

(57) Abstract:

(19) INDIA

The present invention relates to a simple foaming tea composition with a viscosity clarity or color of the original tea. In one aspect the invention relates to a foaming tea composition comprising a tea product a food grade ester alginate wherein the addition of ester alginate generates or produces a layer of foam upon the tea product when subjected to agitation without also producing a significant change in viscosity clarity or color of the tea product. In some embodiments the ester alginate is a synthetic ester alginate such as propylene glycol alginate ester. In some embodiments the ester alginate comprises from about 0.01% to about 0.25% and preferably from about 0.05% to about 0.1% of the foaming tea composition. The present invention also relates to a method of making a foaming tea composition by combining a tea product with an alginate ester.

No. of Pages: 19 No. of Claims: 16

(21) Application No.4965/DELNP/2013 A

Address of Applicant :Ormh jgrdsvej 9 DK 8700 Horsens

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD OF PRODUCING A HEAT EXCHANGER AND A HEAT EXCHANGER

(51) International classification :F28D1/03,F28D1/053,F28F1/02 (71)Name of Applicant:

(31) Priority Document No :PA201100113 (32) Priority Date :18/02/2011

(33) Name of priority country :Denmark

(86) International Application No:PCT/DK2012/000004

Filing Date :24/01/2012

(87) International Publication No :WO 2012/110036

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to Application

Number :NA Filing Date

Denmark (72)Name of Inventor:

1)NISSENS A/S

1)NISSEN Alan

(57) Abstract:

Method of producing a heat exchanger comprising a number of thin plates (8) of aluminum by processing at least a portion of the edges (16) at least the ends into a thickness allowing and joining the edges (16) of said plates (8) to provide channels between each pair of said plates whereafter manifolds for delivering liquid to and from the channels are secured to the processed portions of the edges (16) by welding. As a result there is obtained a heat exchanger which is more flexible and cheaper in production than previously known.

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

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM FOR CAPTURING CLASSIFYING AND SEPARATING RAINWATER

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E03B3/02 :PI 10046763 :04/11/2010 :Brazil :PCT/BR2011/000407 :01/11/2011 :WO 2012/058740 :NA :NA :NA	(71)Name of Applicant: 1)GARIOS Wadih Antonio Address of Applicant: Av. Bar£o do Rio Branco 4400/301 Bom Pastor CEP: 36026 500 Juiz de Fora MG Brazil (72)Name of Inventor: 1)GARIOS Wadih Antonio
Filing Date	:NA	

(57) Abstract:

Invention model patent for a system for capturing, classifying and separating rainwater, based on the elimination of detritus and turbid, undesired water, captured by the rain, by means of a system that involves a set of parts necessary for the function of efficiently and effectively utilizing ali the rainwater captured. This system has, at the start, a filter that separates out and diverts detritus (8), with the features of the filters (10), (11), and (13) thereof, adapting to the maximum amount of momentary 00 rates of flow of rain and eliminates undesirable materiais by removing the latter to the outside of the pipe. Turbid water is likewise eliminated thereby, based on a reading of water turbidity data, using a light source (1) and a light-receiving device (21). The o devices undergo a self-calibration routine for reading-accuracy purposes. In addition to eliminating turbid water, the system c1 furthermore measures the conductivity of the water captured by the sensor (17) in order to obtain water of better quality. There are light and/or audible warnings that detect breakdowns in the system. The sensors and the valve (23) are managed by the control module (33), and capture purer, cleaner reference water that is free from various impurities which are conveyed with the rain to the outlet (24). The undesired water is expelled via the outlet (30).

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

(21) Application No.4951/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ELECTRIC CYLINDER SYSTEM

* *	n:F16H25/20,B30B1/18,B30B15/00	
(31) Priority Document No	:2011005153	1)SINTOKOGIO LTD.
(32) Priority Date	:13/01/2011	Address of Applicant :11 11 Nishiki 1 chome Naka ku Nagoya
(33) Name of priority country	:Japan	shi Aichi 4600003 Japan
(86) International Application	:PCT/JP2012/050653	(72)Name of Inventor:
No	:06/01/2012	1)FURUKAWA Kyoji
Filing Date	.00/01/2012	2)TAKAGI Shigeyuki
(87) International Publication No	:WO 2012/096391	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An electric cylinder system includes: an electric cylinder (1); and a control section (101) that controls the electric cylinder (1). The electric cylinder (1) includes: an outer cylinder (2); a rod (3) configured to be capable of extending and retracting in an axis direction from an opening (2b) on one end side of the outer cylinder (2); a bearing (4) provided on the inside of the outer cylinder (2); a rotating shaft (5) rotatably supported by the bearing (4) and driven to rotate with driving force of a motor (12); a screw mechanism (6) that converts a rotary motion of the rotating shaft (5) into a linear motion of the rod (3) and transmits the linear motion; and a load detecting section (7) that detects a load in an axis direction applied to the rod (3) in a position where the load is transmitted from the rod (3) through the screw mechanism (6). The control section (101) controls the electric cylinder (1) on the basis of a signal from an encoder (39) of the motor (12) and a signal from the load detecting section (7).

No. of Pages: 47 No. of Claims: 3

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VIDEO DISPLAY METHOD AND LIQUID CRYSTAL DISPLAY DEVICE EMPLOYING SAME

	:G09G3/36,G02F1/133,G09G3/20 :2010254974	(71)Name of Applicant: 1)EIZO Corporation
· /	:15/11/2010	Address of Applicant :153 Shimokashiwano machi Hakusan
(33) Name of priority country	:Japan	shi Ishikawa 9248566 Japan
(86) International Application	:PCT/JP2011/063469	(72)Name of Inventor:
No Filing Date	:13/06/2011	1)ITO Hiroshi
(87) International Publication No	:WO 2012/066815	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

An objective of the present invention is, when interlace displaying two types of videos, to make uniform the occurrences of an afterimage fixim a black frame insertion into each video. A liquid-crystal display device comprises: a left-right video interlace output unit (15) which interlace outputs two types of video frames; a mask pattern storage unit (18) which, within a reference region which is a pixel region wherein m pixels are arrayed in a matrix (where m is an even number greater than three) corresponding to a pixel region of a liquid-crystal panel, further comprises m mask patterns of an even number of mask pixels greater than one and less than m wmch are arrayed in different arrays; a mask pattern selection counter (17) which selects mask patterns in sequence; and a mask compositing unit (16) which composites the selected mask pattern into the video frame wmch is outputted from the interlace output unit. The mask patterns are such that the number o i iterations whereby the mask pixels are positioned on a pixel unit basis in the reference region across the m mask patterns is equivalent.

No. of Pages: 58 No. of Claims: 16

(21) Application No.5085/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: WIPES DISPENSER

(51) International classification	:A47K10/38,B65D83/08	(71)Name of Applicant:
(31) Priority Document No	:12/963208	1)GOJO INDUSTRIES INC.
(32) Priority Date	:08/12/2010	Address of Applicant :One GOJO Plaza Suite 500 P.O. Box
(33) Name of priority country	:U.S.A.	991 Akron Ohio 44309 U.S.A.
(86) International Application No	:PCT/US2011/063904	2)GMEREK III Michael
Filing Date	:08/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/078841	1)RAY Eugene
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.117	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Wipe dispensers are provided wherein particular wipe gripping and wiperipping structures are provided to overcome problems encountered with the prior art. Particularly gripping and ripping structures are provided to prevent the removal of more than one wipe at a time from a dispenser and to prevent a following wipe from falling back into the interior of a container when separated from a lead wipe being removed from the container. In particular embodiments structures are provided to avoid pinching an individual s finger when feeding a wipe up through the gripping and ripping structures. In yet other particular embodiments a boss is provided to prevent wipes from bunching up during the dispensing thereof.

No. of Pages: 37 No. of Claims: 24

(21) Application No.5250/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: LOCAL MEDIA RENDERING

(51) International :H04L29/06,H04L12/18,H04M3/56 classification

(31) Priority Document No :NA

(32) Priority Date :NA (33) Name of priority country: NA

(86) International Application :PCT/SE2011/050003

:04/01/2011 Filing Date

(87) International Publication :WO 2012/093954

No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

Address of Applicant: S 164 83 Stockholm Sweden

(72)Name of Inventor:

1)BJUREL Jonas

2)...LUND Staffan

3)ERIKSSON Anders

4)KARLSSON Erlendur

5)KLING Lars -rjan 6)LINDQUIST Thomas

(57) Abstract:

The invention involves local media rendering of a multi party call performed by a Client User Equipment (1). The media is encoded by each party in the call and sent as a media stream to a Media server (2) and the media server receives a request for media streams from each Client User Equipment each media stream in the request associated with a client priority. The Media server selects the media streams to send to each Client User Equipment based on the request and further such that the number of streams does not exceed a determined maximum number which is based e.g. on the available bandwidth.

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

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: REACTOR FOR CARRYING OUT AUTOTHERMAL GAS PHASE DEHYDRATION

(51) International classification	:B01J19/24,C07C5/48	(71)Name of Applicant:
(31) Priority Document No	:10196216.5	1)BASF SE
(32) Priority Date	:21/12/2010	Address of Applicant :67056 Ludwigshafen Germany
(33) Name of priority country	:EPO	(72)Name of Inventor:
(86) International Application No	:PCT/EP2011/072636	1)OLBERT Gerhard
Filing Date	:13/12/2011	2)WEGERLE Ulrike
(87) International Publication No	:WO 2012/084609	3)KOLIOS Grigorios
(61) Patent of Addition to Application	:NA	4)KOSTOVA Albena
Number	:NA	5)KESSEL Jasmina
Filing Date	.11/1	6)WECK Alexander
(62) Divisional to Application Number	:NA	7)REZAI Alireza
Filing Date	:NA	

(57) Abstract:

The invention relates to a reactor (1) in the form of a horizontal cylinder (3) for carrying out autothermal gas phase dehydration of a hydrocarbon-containing gas flow (2) with an oxygencontaining gas flow (3), yielding a reaction gas mixture, at a heterogeneous catalyst designed as a monolith (4), wherein the inner chamber of the reactor (1) is divided by a removable, circular cylindrical or prismatic housing G, which is disposed in the longitudinal direction of the reactor (1) and is gas-tight in the circumferential direction, into an inner area A having one or more catalytically active zones (5), in each of which a package of monoliths (4) stacked on each other, adjacent to each other, and arranged one behind the other is provided, a mixing zone (6) having fixed installed fixtures being provided in front of each active zone (5), and into an outer area B disposed coaxially to the inner area A, and wherein a heat exchanger (12) connected to the housing G is provided at an end of the reactor, characterized in that an inert gas is supplied to the outer area B.

No. of Pages: 34 No. of Claims: 23

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PACKAGING FOR CONTAINERS

(51) International classification :A61M5/00,B65D85/42 (71)Name of Applicant :

(31) Priority Document No :11305030.6 (32) Priority Date :12/01/2011

(33) Name of priority country :EPO

(86) International Application No :PCT/IB2012/050137 Filing Date :11/01/2012

(87) International Publication No :WO 2012/095800

(61) Patent of Addition to Application :NA :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)BECTON DICKINSON FRANCE

(21) Application No.5253/DELNP/2013 A

Address of Applicant: 11 rue Aristide Berg"s BP 4 F 38800 Le

Pont de Claix France (72)Name of Inventor: 1)CARREL Franck

(57) Abstract:

(19) INDIA

This packaging is for containers having each a cylindrical body and a upper surface located at or near an extremity of the body said packaging (1) comprising a nest (5) a tub and a sealing cover; the nest (5) having receiving means (11 12) for receiving the containers (2) and comprising at least one first supporting surface (18) to be received on at least one corresponding supporting surface (26) of the tub (6) the tub (6) having a bottom wall (20) lateral walls (21) forming an upper opening (22) and a peripheral flange (23) levelled with said upper opening (22) for the sealing of said sealing cover thereon According to the invention said nest (5) comprises at least one second supporting surface (17a) rigidly connected to said at least one first supporting surface and so positioned with respect to this at least one first supporting surface that this second supporting surface (17a) is located when the nest (5) is placed in the tub (6) at the level of said peripheral flange (23).

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

(21) Application No.4998/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :05/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PISTON PUMP HAVING A CYLINDER BARREL

:WO 2012/084300

(51) International classification: F04B1/04,F04B53/16,F04B53/22 (71) Name of Applicant: (31) Priority Document No :10 2010 064 084.0

(32) Priority Date :23/12/2010

(33) Name of priority country :Germany

(86) International Application

:PCT/EP2011/068543 :24/10/2011 Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)ROBERT BOSCH GMBH

Address of Applicant :Postfach 30 02 20 70442 Stuttgart

Germany

(72)Name of Inventor: 1)GAERTNER Oliver

2)JAHN Heiko

3)ZIMMERMANN Marc

4)GOSSE Daniel

(57) Abstract:

In a piston pump (10) for delivering fluids, having a piston (16) which can be driven so as to perform a reciprocating stroke movement, having a cylinder barrel (26) in which the piston (16) is held in an axially displaceable manner, and having a displacement chamber (18) which is arranged in the cylinder barrel (26) between an inlet valve (40) and an outlet valve (72), wherein the outlet valve (72) is arranged on a cylinder barrel base (64), there is formed, on that side of the cylinder barrel base (64) which faces away from the displacement chamber (18), an annular projection (67) which surrounds an installation space (69) for the outlet valve (72).

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

(21) Application No.4999/DELNP/2013 A

(19) INDIA

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : PRIMARY SPRING DEVICE FOR A TANDEM MASTER CYLINDER UNIT AND MASTER CYLINDER UNIT FITTED THEREWITH

(32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Filing Date 117/12/2010 France Filing Date 127/12/2010 France	art
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(57) Abstract:

The invention relates to a primary spring device (100) for a tandem master-cylinder unit, which is to be installed between the primary piston and the secondary piston of the tandem master-cylinder unit. The device (100) includes a plastic frusto-conical abutment (110), the thickness of which is not constant. The thickness of the wall of the body of the abutment at the apex (112) and adjacent to the apex is increased relative to the remainder of the wall. Longitudinal ribs (125) for stiffening and for guiding the head (141) of the screw (140) are provided on the inner surface near the apex and over a certain length of the body. A t compression coil spring (150) is supported between the outer abutment collar (115) of the base (114) of the abutment (110) and a bearing disc (144) installed to as to be adjustable by means of a nut (143) at the end of the body (142) of the screw.

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

(21) Application No.5260/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WIPER BLADE ADAPTER IN PARTICULAR FOR A MOTOR VEHICLE WIPER DEVICE

(51) International classification (31) Priority Document No	:10 2010 064 161.8	(71)Name of Applicant : 1)ROBERT BOSCH GMBH
(32) Priority Date(33) Name of priority country	:27/12/2010 :Germany	Address of Applicant :Postfach 30 02 20 70442 Stuttgart Germany
(86) International Application No	3	(72)Name of Inventor:
Filing Date	:22/11/2011	1)DEPONDT Helmut
(87) International Publication No	:WO 2012/089415	
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention is based on a wiper blade adapter, in particular for a motor vehicle wiper device, with a coupling unit (10a; 10b). It is proposed that the coupling unit (10a; 10b) has at least one first and one second coupling element (12a, 14a; 12b, 14b), which coupling elements are provided for coupling at least two different types of wiper arm adapters (100a, 110a, 120a; 130b, 140b).

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

(21) Application No.5263/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: IRON BASED POWDERS FOR POWDER INJECTION MOLDING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C22C33/02 :10513968 :30/12/2010 :Sweden :PCT/EP2011/074230 :29/12/2011 :WO 2012/089807 :NA :NA	(71)Name of Applicant: 1)H–GAN,,S AB (Publ) Address of Applicant: Bruksgatan 35 S 263 83 Hgans Sweden (72)Name of Inventor: 1)LARSSON Anna
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(57) Abstract:

An iron based powder composition for metal injection molding having an average particle size of $20\,60\mu m$ and having 99% of the particles less than $120\,\mu m$ wherein the iron based powder composition comprises by weight percent of the iron based powder composition; Mo: $0.3\,1.6\,P$: $0.1\,$ - $0.6\,$ Optionally max $3.0\,$ Cu Optionally max $0.6\,$ Si Optionally max $5\,$ Cr max $1.0\,$ of unavoidable impurities whereof carbon is less than $0.1\,$ the balance being iron and wherein the sum of Mo and 8P content is within the range of $2\,$ 4.7.

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

(21) Application No.5264/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ANTI MICROBIAL COMPOSITION

(51) International classification :A61K31/015,A61K31/04,A61K31/045

(31) Priority Document :10306385.5

No (32) Priority Date :09/12/2010

(33) Name of priority :EPO

country

(86) International Application No :PCT/EP2011/072390

Filing Date :09/12/2011

(87) International Publication No :WO 2012/076718

(61) Patent of Addition to Application Number :NA

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

(71)Name of Applicant:

1)SEPTEOS

Address of Applicant :Btiment B 12 Avenue de la Grande

Arme F 75017 Paris France (72)Name of Inventor:

1)TESSE Nicolas

(57) Abstract:

This invention pertains to an anti microbial in particular anti bacterial and/or anti fungal composition comprising cinnamaldehyde trans 2 methoxy cinnamaldehyde cinnamyl acetate and linalool. In particular this composition is intended for preventing and/or treating microbial infection in an animal.

No. of Pages: 52 No. of Claims: 13

(21) Application No.4925/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BRUNNIAN LINK MAKING DEVICE AND KIT

(51) International classification	:A44C5/02,A44C5/00,A44C25/00	(71)Name of Applicant:
(31) Priority Document No	:61/410399	1)NG Cheong Choon
(32) Priority Date	:05/11/2010	Address of Applicant :44926 Paine Dr. Novi MI 48377 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No Filing Date	:PCT/US2011/041553 :23/06/2011	1)NG Cheong Choon
(87) International Publication No	:WO 2012/060906	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application NumberFiling Date	:NA :NA	

(57) Abstract:

A Brunnian link is a link formed from a closed loop doubled over itself to capture another closed loop to form a chain. The example kit provides for the successful creation of unique wearable articles using Brunnian link assembly techniques and includes several pin bars that are supported in a desired special orientation by at least one base. The desired special orientation is dependent on the desired linked configuration of the completed article. The base and pin bars may be assembled in various combination and orientations to provide endless variation of completed link orientations. Additional bases and pin bars can be to further expand possible completed article creation.

No. of Pages: 22 No. of Claims: 18

(19) INDIA

(22) Date of filing of Application :03/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD AND APPARATUS FOR OBJECTIVE VIDEO QUALITY ASSESSMENT BASED ON CONTINUOUS ESTIMATES OF PACKET LOSS VISIBILITY

(51) International classification: H04N7/64, H04N17/00, H04N7/26 (71) Name of Applicant:

:02/09/2011

:WO 2012/076203

(31) Priority Document No :10194580.6 (32) Priority Date :10/12/2010

(33) Name of priority country :EPO

(86) International Application :PCT/EP2011/065192

Filing Date

(87) International Publication

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1) DEUTSCHE TELEKOM AG

Address of Applicant: Friedrich Ebert Allee 140 53113 Bonn

Germany

(72)Name of Inventor:

1)ARGYROPOULOS Savvas

2) FEITEN Bernhard 3)GARCIA Marie Neige

4)LIST Peter

5)RAAKE Alexander

(57) Abstract:

The invention provides a method and apparatus for assessing the quality of a transmitted video signal sequence at the receiver side the method comprising the steps of a) capturing the input video bit stream and supplying it to a video bit stream analyzer; b) extracting at least one feature or a set of features from the captured input video bit stream by the bit stream analyzer; c) supplying the extracted feature or set of features to a packet loss visibility estimation module; d) determining by the packet loss visibility estimation module the visibility of a packet loss occurred during transmission of the video signal by assigning a continuous estimate for each packet loss event occurred within a specific time interval; e) combining the packet loss visibility estimate determined by the estimation module with the extracted at least one feature or set of features to assess the overall quality Q of the transmitted video signal sequence.

No. of Pages: 29 No. of Claims: 11

(21) Application No.4927/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :03/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: SUTURE PASSERS

(51) International classification	:A61B17/04	(71)Name of Applicant :
(31) Priority Document No	:61/412228	1)IMDS CORPORATION
(32) Priority Date	:10/11/2010	Address of Applicant :124 South 600 West Logan Utah 84321
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2011/060221	(72)Name of Inventor:
Filing Date	:10/11/2011	1)TRIPLETT Daniel J.
(87) International Publication No	:WO 2012/064977	2)CREGER Carlyle J.
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Suture passers which include a handle assembly shaft assembly and jaw assembly. In one embodiment the handle assembly includes first and second handles joined at a hinge the second handle pivotable relative to the first handle and guided by an arcuate guiding feature concentric to the hinge. The jaw assembly includes upper and lower jaws the lower jaw including an open needle track. The open needle track includes entry tangential and exit segments each of which is directly visible directly accessible and directly inspectable. The lower jaw can be manufactured as a single piece using a single manufacturing process which may be injection molding or multi axis machining. When manufactured by multi axis machining all features of the lower jaw may be machined without removal of the jaw piece from the multi axis machine. Methods of suture passer manufacture and assembly which may provide significant cost savings are disclosed.

No. of Pages: 46 No. of Claims: 44

(21) Application No.5266/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: HUMANIZED ANTIBODIES TO LIV 1 AND USE OF SAME TO TREAT CANCER

(51) International classification(31) Priority Document No(32) Priority Date	:A61K39/395,C07K16/00,C12P21/08 :61/420291 :06/12/2010	(71)Name of Applicant: 1)SEATTLE GENETICS INC. Address of Applicant: 21823 30th Drive S.E. Bothell Washington 98021 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor: 1)SMITH Maria Leia
(86) International Application No Filing Date	:PCT/US2011/063612 :06/12/2011	2)SUSSMAN Django 3)ARTHUR William 4)NESTEROVA Albina
(87) International Publication No	:WO 2012/078688	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides humanized antibodies that specifically bind to LIV 1. The antibodies are useful for treatment and diagnoses of various cancers as well as detecting LIV 1.

No. of Pages: 122 No. of Claims: 42

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR ACTUATING THE SWITCHING TRANSISTORS OF A RECTIFIER

(51) International classification	:H02M7/219	(71)Name of Applicant:
(31) Priority Document No	:10 2010 064 168.5	1)ROBERT BOSCH GMBH
(32) Priority Date	:27/12/2010	Address of Applicant :Postfach 30 02 20 70442 Stuttgart
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2011/073317	2)Infineon Technologies AG
Filing Date	:20/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/089551	1)KOELLE Gerhard
(61) Patent of Addition to Application	:NA	2)KOEPPL Benno
Number		3)SCHEFFER Michael
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 11		·

(21) Application No.5268/DELNP/2013 A

(57) Abstract:

(19) INDIA

The invention relates to a method for actuating the switching transistors of a rectifier which is provided for converting the phase voltages that are provided by a vehicle generator into a direct current voltage. Each switching transistor comprises a parasitic diode. An activation signal for initiating the conducting phase and a de-activation signal for ending the conducting phase are supplied to each control terminal of the switching transistors. A timer is started simultaneously with the provision of an activation signal and the deactivation signal is provided once a predetermined time period has passed.

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

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A MACHINE AND SYSTEM FOR APPLYING CONTAINER CARRIERS TO CONTAINERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B65B17/02 :1019848.9 :23/11/2010 :U.K. :PCT/GB2011/052306 :23/11/2011 :WO 2012/069834 :NA :NA :NA	(71)Name of Applicant: 1)BRITISH POLYTHENE LIMITED Address of Applicant :One London Wall London EC2Y 5AB U.K. (72)Name of Inventor: 1)BATES Stephen Paul
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(57) Abstract:

A container packaging system for containers applies an apertured plastics film carrier stock to substantially identical containers such as beverage cans having annular chimes cylindrical side walls and frusto conical walls between the chimes and the side walls. The carrier stock has shaped apertures to securely retain drinks cans food cans bottles and similar containers as a multi pack unit. The carrier stock is rolled onto suitably juxtaposed containers engaging a tabbed aperture edge portion progressively from above to below the upper edge of the respective containers to be multi packed and assumes a waveform 3D conformation to unitise the containers. The rolling method contrasts prior stretch application methods and enables cheaper and thinner carrier stock to be used.

No. of Pages: 49 No. of Claims: 15

(21) Application No.5068/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: STEAM METHANE REFORMING PROCESS

(51) International classification :C01B3/38,C01B3/48,C01B3/56 (71)Name of Applicant :

(31) Priority Document No :12/964163 (32) Priority Date :09/12/2010

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

(86) International Application No: PCT/US2011/060095 Filing Date :10/11/2011

(87) International Publication No: WO 2012/078299

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

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Address of Applicant :39 Old Ridgebury Road Danbury CT

06810 U.S.A.

(72)Name of Inventor:

1)MORROW Jeffrey M.

2)ZANFIR Monica

3)DRNEVICH Raymond F.

(57) Abstract:

The present invention provides a steam methane reforming process and system utilizing an integrated steam system having both high pressure and low pressure steam circuits. According to this invention substantially the entire stream of treated boiler feed water leaving the deaerator is pressurized and sent to the boiler feed water heater at elevated pressures. The resulting high pressure heated boiler feed water is split with a portion used as the feed to make low pressure steam and the balance is sent to the high pressure steam circuit.

No. of Pages: 22 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application: 07/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: OPTICAL ARTICLE COMPRISING AN ANTIREFLECTIVE COATING WITH A LOW REFLECTION BOTH IN THE ULTRAVIOLET REGION AND IN THE VISIBLE REGION

(51) International classification :G02B1/11,G02C7/02,G02B5/28 (71)Name of Applicant:

:1060394 (31) Priority Document No (32) Priority Date :10/12/2010

(33) Name of priority country :France

(86) International Application No:PCT/EP2011/072386

Filing Date :09/12/2011

(87) International Publication No: WO 2012/076714

(61) Patent of Addition to :NA Application Number

:NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)ESSILOR INTERNATIONAL (COMPAGNIE

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Address of Applicant :147 Rue de Paris F 94220 Charenton le

pont France

(72)Name of Inventor:

1)CADO Herv

2)DE AYGUAVIVES Francisco

3)POPHILLAT Olivier

(57) Abstract:

This invention relates to an ophthalmic lens with a low reflection both in the ultraviolet region and in the visible region comprising a substrate provided on its rear main face with a multilayered antireflective coating (3 7layers) comprising a stack of at least one layer with a high refractive index and at least one layer with a low refractive index having a mean reflection factor on the rear face in the visible region R m lower than or equal to 1.15% a mean light reflection factor on the rear face in the visible region R v lower than or equal to 1% a mean reflection factor R UV on the rear face between 280nm and 380 nm weighted by the function W(1) defined in the ISO 13666:1998 standard lower than 5% for angles of incidence of 30° and 45° the antireflective coating outer layer being a silica based layer. The lens according to the invention does especially prevent the reflection of the UV radiation produced by light sources located behind the wearer.

No. of Pages: 29 No. of Claims: 14

(21) Application No.5270/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SUBSTRATE FOR ANTENNA DEVICE AND ANTENNA DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01Q5/01 :2010293924 :28/12/2010 :Japan :PCT/JP2011/007020 :15/12/2011 :WO 2012/090415 :NA :NA :NA	(71)Name of Applicant: 1)MITSUBISHI MATERIALS CORPORATION Address of Applicant: 3 2 Otemachi 1 chome Chiyoda ku Tokyo 1008117 Japan (72)Name of Inventor: 1)YUKIMOTO Shinsuke 2)SAITO Ryo
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(57) Abstract:

Provided are an antenna-device substrate which is capable of flexibly adjusting multiple resonance frequencies and can also be made small and thin and an antenna device provided with the same. The present invention is provided with a substrate main body (2), first to third elements (3 to 5), a ground plane (GND), and a ground connection pattern (6), wherein the first element is provided with a 1 feed point (FP) at the base end and extends while having a ftj power feeding-side passive element (PO), a first connecting portion (C1), and an antenna element (AT); the second element extends while being connected to the first element via a second connecting portion (C2); and the third element extends while being connected to the first element via a third connecting portion (C3). The first element extends while being spaced apart from the second and third elements and the ground plane such that a stray capacitance can be generated between the first element and each of the second and third elements and the ground plane; and at least one of the first to third elements is patterned from the g surface to the rear surface of the substrate main body via a through-hole.

No. of Pages: 57 No. of Claims: 12

(21) Application No.5141/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: UNIVERSAL HEAT ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:09/12/2011 :WO 2012/078195 :NA	(71)Name of Applicant: 1)VAPORGENICSINC. Address of Applicant: Suite 330 7887 Bryan Dairy Road Largo FL 33777 U.S.A. (72)Name of Inventor: 1)GILMORE Eric M. 2)GILMORE Michael B. 3)KAHLER Richard Jan 4)SHEPPARD Patrick S.
(61) Patent of Addition to Application	:NA :NA :NA :NA	3)KAHLER Richard Jan

(57) Abstract:

A universal heat engine is disclosed for converting energy from an input heat source to an output. The universal heat engine comprises a heat engine section and an output section. The heat engine section includes a heat engine bore receiving a heat engine piston. A heat engine valve assembly communicates with the heat engine bore for effecting reciprocal motion of the heat engine piston. The output section includes an output bore receiving an output piston. A piston rod interconnects the heat engine piston to the output piston. A control controls the heat engine valve assemblies to operate the heat engine section in accordance with a desired output from the output section. The heat source may comprise the burning of a petroleum product a solar heat source geothermal heat source or a byproduct heat source. The output may comprise a static or mobile air conditioning system or an electrical generator.

No. of Pages: 61 No. of Claims: 20

(22) Date of filing of Application: 10/06/2013

(21) Application No.5142/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: OSTOMY WAFER

(51) International classification	:A61F5/443	(71)Name of Applicant:
(31) Priority Document No	:PA 2010 70553	1)COLOPLAST A/S
(32) Priority Date	:17/12/2010	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050491	(72)Name of Inventor:
Filing Date	:16/12/2011	1)LAM Peter Kwok Hing
(87) International Publication No	:WO 2012/079591	2)LAWS Matthew
(61) Patent of Addition to Application	:NA	3)OBRIEN Liam
Number	:NA	4)HANSEN Michael
Filing Date	.NA	5)ANDERSEN Birthe Vestbo
(62) Divisional to Application Number	:NA	6)HANSEN Kristoffer
Filing Date	:NA	7)LARSEN Steffen Kongensbjerg

(57) Abstract:

(19) INDIA

An ostomy wafer (1) comprising a proximal surface in an axial direction facing the user during use provided withan adhesive layer (7) a distal surface (5) in the axial direction facing away from the user during use provided with a backing layer coupling means for attaching a collection bag an opening having an inner radial boundary defining a stoma receiving opening and an outer radial boundary defining the peripheral edge of the ostomy wafer. Furthermore the wafer is provided with a reinforcement structure (6).

No. of Pages: 14 No. of Claims: 11

(21) Application No.5143/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A CONVEX SUPPORTING DEVICE FOR AN OSTOMY APPLIANCE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61F5/445 :PA 2010 70553 :17/12/2010 :Denmark :PCT/DK2011/050492 :16/12/2011 :WO 2012/079592 :NA :NA :NA	(71)Name of Applicant: 1)COLOPLAST A/S Address of Applicant: Holtedam 1 DK 3050 Humlebaek Denmark (72)Name of Inventor: 1)EKFELDT Bent 2)ANDERSEN Birthe Vestbo 3)STROEBECH Esben 4)HANSEN Michael 5)HANSEN Kristoffer 6)LARSEN Steffen Kongensbjerg 7)LAWS Matthew 8)OBRIEN Liam
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(57) Abstract:

A base plate comprising an adhesive wafer and a convex supporting device. An ostomy appliance comprising a base plate with an adhesive wafer and a convex supporting device.

No. of Pages: 57 No. of Claims: 11

(21) Application No.5144/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : INOCULANTS INCLUDING BACILLUS BACTERIA FOR INDUCING PRODUCTION OF VOLATILE ORGANIC COMPOUNDS IN PLANTS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:A01N63/00,C12N1/20,C12R1/07 :61/421979 :10/12/2010 :U.S.A. :PCT/US2011/064403 :12/12/2011	1)AUBURN UNIVERSITY Address of Applicant :570 Devall Drive Auburn AL 36832 U.S.A. (72)Name of Inventor: 1)KLOEPPER Joseph W.
Filing Date (87) International Publication No	:WO 2012/079073	2)FADAMIRO Henry Y. 3)NGUMBI Esther N. 4)NANGLE Kate W.
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are moculants that include Baciiim bacteria and induce production of vciatiie organic compounds (VOCs) by a plant that has been treated with the inoculant.

No. of Pages: 66 No. of Claims: 34

(21) Application No.5145/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: SHIELD CONDUCTOR

(51) International classification :H01B7/17,H01B7/08,H01B7/20 (71)Name of Applicant :

(31) Priority Document No :2010288003 (32) Priority Date :24/12/2010

(33) Name of priority country :Japan

(86) International Application No:PCT/JP2011/079638

Filing Date :21/12/2011

(87) International Publication No: WO 2012/086686

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA

Filing Date (62) Divisional to Application :NA

Number :NA Filing Date

1)AUTONETWORKS TECHNOLOGIES LTD.

Address of Applicant: 1 14 Nishisuehiro cho Yokkaichi shi

Mie 5108503 Japan

2)SUMITOMO WIRING SYSTEMS LTD.

3)SUMITOMO ELECTRIC INDUSTRIES LTD.

(72)Name of Inventor: 1)AOYAMA Naoki

2)KUWAHARA Masanori

3)SONODA Fujio 4)ITANI Yasushi

5)SUGIMOTO Yoshinori 6)IZAWA Katsutoshi

(57) Abstract:

A shield conductor 10 includes a pipe 20 made of metal, an electric wire 11. The electric wire 11 is passed through the pipe 20. The pipe 20 includes a round portion 24 and a deformed portion 21. The round portion 24 has a constant outer diameter in a peripheral direction of the pipe 20. The deformed portion 21 is in a different position from the round portion 24 in an extension direction in which the pipe 20 extends. The deformed portion 21 has a short diameter portion 22A and a long diameter portion 22B each having a different outer diameter from each other in the peripheral direction of the pipe 20. The round portion 24 curves in the extension direction, 29

No. of Pages: 41 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) P

(21) Application No.5147/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: A CATHETER ASSEMBLY

(51) International classification	:A61M25/00	(71)Name of Applicant:
(31) Priority Document No	:PA 2010 70552	1)COLOPLAST A/S
(32) Priority Date	:17/12/2010	Address of Applicant :Holtedam 1 DK 3050 Humlebaek
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2011/050490	(72)Name of Inventor:
Filing Date	:16/12/2011	1)TANGHOEJ Allan
(87) International Publication No	:WO 2012/079590	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	,IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A urinary catheter assembly (1) is provided. The catheter assembly has an intermittent urinary catheter (2) with low friction surface and a tubular elongated package (3) with a side opening (15). The catheter may be provided with a hydrophilic surface and the package may include a liquid swelling medium. The user may grab the connector (4) through the side opening and pull out the catheter of the package through there. Spillage of the liquid swelling medium or lubricant is avoided. The side opening may be configured so that it has two stable configurations a storing and a folded configuration.

No. of Pages: 18 No. of Claims: 15

(21) Application No.5234/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: GENERATION OF MODEL OF COMPOSITION OF PETROLEUM BY HIGH RESOLUTION MASS SPECTROMETRY AND ASSOCIATED ANALYTICS

(51) International classification	:B01D59/44	(71)Name of Applicant :
(31) Priority Document No	:61/423797	1)EXOONMOBIL RESEARCH AND ENGINEERING
(32) Priority Date	:16/12/2010	COMPANY
(33) Name of priority country	:U.S.A.	Address of Applicant :1545 Route 22 East P.O.Box 900
(86) International Application No	:PCT/US2011/065313	Annandale NJ 08801 0900 U.S.A.
Filing Date	:16/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/083095	1)QIAN Kuangnan
(61) Patent of Addition to Application	:NA	2)EDWARDS Kathleen E.
Number		3)MENNITO Anthony S.
Filing Date	:NA	4)SAEGER Roland B.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		<u> </u>

(57) Abstract:

A method to determine the model of composition of a vacuum resid wherein the resid is separated into eight fractions saturates aromatics sulfides and polars by a combination of soft ionization methods.

No. of Pages: 54 No. of Claims: 17

(21) Application No.5372/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: EPOXY RESIN COMPOSITION

(51) International

:C08G18/00,C08L63/00,C08L75/04

classification

(31) Priority Document No :11152720.6 (32) Priority Date :31/01/2011

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/069562

Filing Date

:07/11/2011

(87) International Publication: WO 2012/103965

:NA

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

Filing Date

(71)Name of Applicant:

1)HUNTSMAN INTERNATIONAL LLC

Address of Applicant :500 Huntsman Way Salt Lake City

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(72)Name of Inventor:

1)DEBIEN Christiaan 2) ESBELIN Christian

3) VERBEKE Hans Godelieve Guido

4)VERBEKE Hugo

(57) Abstract:

Curable composition obtained by combining and mixing an epoxy resin composition comprising an epoxy resin a monool and/or polyol and a compound comprising a carboxamide group and a polyisocyanate composition comprising a polyisocyanate a lithium halide and a urea compound wherein the number of moles of lithium halide per isocyanate equivalent ranges of from 0.0001 0.04 and the number of urea + biuret equivalents per isocyanate equivalent of from 0.0001 0.4. The epoxy resin composition is claimed as well.

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

(21) Application No.5373/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FLAME RETARDANT COMPOSITION FOR THERMOPLASTIC POLYURETHANE POLYMERS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:C08K3/22,C08K5/00,H01B7/295 :11156520.6 :02/03/2011 :EPO	(71)Name of Applicant: 1)HUNTSMAN INTERNATIONAL LLC Address of Applicant:500 Huntsman Way Salt Lake City Utah 84108 U.S.A.
(86) International Application No Filing Date (87) International Publication No	:PCT/EP2012/052224 :09/02/2012 :WO 2012/116886	 (72)Name of Inventor: 1)VANHALLE Anja Anneke 2)VERBEKE Hugo 3)GIANNINI Giacomo 4)MEYNEN Sandra
(61) Patent of Addition to Application Number Filing Date	:NA :NA	THE TIME OF THE PARTY OF THE PA
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a formulation comprising at least one thermoplastic polyurethane polymer and a flame retardant composition the flame retardant composition comprising i) at least one metal or metalloid oxide particle selected from magnesium oxide magnesium hydroxide silicon oxide or aluminium oxide; ii) at least one phosphate component selected from the group comprising ammonium polyphosphate (APP) melamine phosphate melamine pyrophosphate and melamine polyphosphate or mixture thereof and iii) at least one oligomeric phosphate ester.

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

(21) Application No.5374/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ANTICANCER THERAPY WITH DUAL AURORA KINASE / MEK INHIBITORS

(51) International :A61K31/404,A61K31/4045,A61K31/506 classification

:WO 2012/095505

(31) Priority Document :11150775.2

(32) Priority Date :12/01/2011 :EPO

(33) Name of priority

country

(86) International

:PCT/EP2012/050466 Application No :12/01/2012 Filing Date

(87) International

Publication No

(61) Patent of Addition to Application Number

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

Application Number :NA Filing Date

(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)SOLCA Flavio 2) GUERTLER Ulrich

3)SANDERSON Michael 4)TONTSCH GRUNT Ulrike

5)WAIZENEGGER Irene

The invention describes anti cancer therapies comprising using dual Aurora kinase / MEK inhibitors as descibed herein.

No. of Pages: 77 No. of Claims: 40

⁽⁵⁷⁾ Abstract:

(19) INDIA

(22) Date of filing of Application :17/06/2013

(21) Application No.5375/DELNP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: RETRACTABLE COVER FOR THE BOOT OF A MOTOR VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:07/12/2011 :WO 2012/076814 :NA	(71)Name of Applicant: 1)RENAULT SAS Address of Applicant:13 15 Quai le Gallo F 92100 Boulogne Billancourt France (72)Name of Inventor: 1)HOLLEVILLE Francis
(61) Patent of Addition to Application Number		
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a retractable cover (10) to be installed in a boot of a motor vehicle. Said cover comprises an apron (12) with a front edge (13) mounted in such a way that it stretches transversely towards the front of said boot and a flange (14) that is secured to said apron (12) on the opposite end to said front edge. Said cover comprises a flexible concealment fabric (16) for forming said apron said fabric having a front border (24) for forming said front edge (13) of the apron (12). According to the invention the cover also comprises a bow (18) having two opposing limbs (34 36) extending in such a way that they face each other and the flexible concealment fabric (16) has a transverse rear portion (15) opposite the front border (24) said transverse rear portion (15) being stretched between said opposing limbs (34 36) of said bow (18) in order to form the flange (14).

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

(21) Application No.5376/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: NOVEL PHARMACEUTICAL COMPOSITION

(51) International

:A61K9/28,A61K9/20,A61K31/519

classification

(31) Priority Document No :61/424967 :20/12/2010

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

:NA

(86) International Application :PCT/US2011/066021

:20/12/2011

Filing Date

(87) International Publication No

:WO 2012/088033

(61) Patent of Addition to :NA **Application Number**

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

Number Filing Date (71)Name of Applicant:

1)GLAXOSMITHKLINE INTELLECTUAL PROPERTY

(NO.2) LIMITED

Address of Applicant :980 Great West Road Brentford

Middlesex TW8 9GS U.K.

(72)Name of Inventor:

1)DeMARINI Douglas J.

2)LE Ngocdiep T.

3)HENRIQUEZ Francisco

4)WANG Lihong

(57) Abstract:

Disclosed are novel pharmaceutical compositions containing N {3 [3 cyclopropyl 5 (2 fluoro 4 iodo phenylamino) 6 8 dimethyl 2 4 7 trioxo 3 4 6 7 tetrahydro 2H pyrido[4 3 d]pyrimidin 1 yl]phenyl}acetamide dimethyl sulfoxide solvate methods of using the compositions in therapy and processes for preparing the same.

No. of Pages: 61 No. of Claims: 15

(21) Application No.5199/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INHALERS AND HOUSING CAPS FOR INHALERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M15/00 :61/418083 :30/11/2010 :U.S.A. :PCT/EP2011/006000 :30/11/2011 :WO 2012/072249 :NA :NA :NA	(71)Name of Applicant: 1)TEVA PHARMACEUTICAL INDUSTRIES LTD. Address of Applicant: 5 Basel Street Petach Tikva Israel (72)Name of Inventor: 1)ZUYDERHOUDT Krijn Franciscus Marie
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(57) Abstract:

An inhaler (10) for inhalation into the airway of a user the inhaler (10) having a housing (12) at least partially defining a flow passageway (36) extending through the inhaler (10) from an air inlet to an outlet the inhaler (10) comprising a valve (56) for selectively restricting the flow passageway.

No. of Pages: 55 No. of Claims: 56

(21) Application No.5368/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LED LIGHT ENGINE/HEAT SINK ASSEMBLY

:NA

:NA

(51) International classification	:F21V29/00,F21K99/00,F21Y101/02	(71)Name of Applicant: 1)GE LIGHTING SOLUTIONS LLC
(31) Priority Document No	:61/434048	Address of Applicant :1975 Noble Road Bldg. 338 Nela Park
(32) Priority Date	:19/01/2011	East Cleveland OH 44112 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor : 1)KUENZLER Glennn Howard
(86) International Application No Filing Date	:PCT/US2011/066474 :21/12/2011	2)MARTINS Jeremias Anthony 3)ALLEN Gary Robert 4)CHOWDHURY Ashfaqul Islam
(87) International Publication No	:WO 2012/099683	5)HUDDLESTON II Charles Leigh
(61) Patent of Addition to Application Number Filing Date	:NA :NA	

(57) Abstract:

(62) Divisional to

Application Number

Filing Date

A light emitting diode (LED) light engine is disclosed. The light emitting diode includes one or more LED devices disposed on a front side of an LED light engine substrate. A heat sink having a mating receptacle for the LED light engine is also provided. The LED light engine substrate and the mating receptacle of the heat sink define a tapered fitting by which the LED light engine is retained in the mating receptacle of the heat sink.

No. of Pages: 27 No. of Claims: 25

(21) Application No.5379/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHODS FOR CLEANING ARTICLES USING N PROPYL BROMIDE BASED SOLVENT **COMPOSITIONS**

(51) International :C11D7/50,C11D11/00,B01D12/00

classification

:61/424123 (31) Priority Document No (32) Priority Date :17/12/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/064349 No

:12/12/2011 Filing Date

(87) International Publication

:WO 2012/082590

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)ALBEMARLE CORPORATION

Address of Applicant: 451 Florida Street Baton Rouge LA

70801 U.S.A.

(72)Name of Inventor:

1)ANDO Keiji 2)MIWA Hisashi

(57) Abstract:

Methods for cleaning articles using n propyl bromide based solvent compositions are provided. According to one method an article to be cleaned is contacted with a solvent composition comprising about 50 weight percent to about 99 weight percent n propyl bromide and about 0.5 weight percent to about 50 weight percent of an alcohol. Such methods remove at least one of water or water soluble contaminants. Such methods are useful as a degreaser and/or cleaner in both cold cleaning and hot rinsing systems for cleaning articles.

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

(21) Application No.5380/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: N PROPYL BROMIDE BASED SOLVENT COMPOSITIONS AND METHODS FOR CLEANING **ARTICLES**

(51) International classification :C11D1/52,C11D1/72,C11D3/43 (71)Name of Applicant:

:NA

(31) Priority Document No :61/424124 :17/12/2010 (32) Priority Date

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

(86) International Application No:PCT/US2011/064351

Filing Date :12/12/2011 (87) International Publication No: WO 2012/082591

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number

Filing Date

1)ALBEMARLE CORPORATION

Address of Applicant: 451 Florida Street Baton Rouge LA

(72)Name of Inventor:

1)ANDO Keiji

2)MIWA Hisashi

(57) Abstract:

No. of Pages: 14 No. of Claims: 19

n Propyl bromide based solvent compositions and methods for cleaning articles using said solvent compositions are provided. Such solvent composition comprise about 50 weight percent to 99 weight percent of n propyl bromide about 0.5 weight percent to 50 weight percent of alcohol and at least 0.005 weight percent of a surfactant. Such solvent compositions remove at least one of water or water soluble contaminants. The solvent compositions and methods of the present invention are useful as a degreaser and/or cleaner in both for cold cleaning and hot rinsing systems for cleaning articles.

(19) INDIA

(22) Date of filing of Application: 17/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: REMOVAL OF BROMINE FROM GASEOUS HYDROGEN BROMIDE

(51) International classification:B01D53/68,C01B7/09,C07C17/12 (71)Name of Applicant:

(31) Priority Document No :61/428100 (32) Priority Date :29/12/2010

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

(86) International Application :PCT/US2011/067529

:28/12/2011 Filing Date

(87) International Publication

:WO 2012/092338

(61) Patent of Addition to :NA **Application Number** :NA

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

Filing Date

(57) Abstract:

1)ALBEMARLE CORPORATION

Address of Applicant: 451 Florida Street Baton Rouge LA

70801 1765 U.S.A.

(72)Name of Inventor: 1)HARROD William B.

2)HARDEN John M. 3)SHARP Gary L.

4) WILLIAMS Robert E.

A new highly selective way of removing bromine contamination from a gaseous stream comprised of hydrogen bromide and bromine is described. Such process technology involves non catalyzed free radical (benzylic) bromination of an alkylene bridged aromatic hydrocarbon and/or certain alkyl substituted aromatic hydrocarbons and recovering the purified gaseous HBr. Because of the high selectivity of the bromination on the aliphatic bridges or side chains virtually no ring bromination occurs and this enables recovery of the bromine values in the form of HBr. Thus preferably the bromine is recovered as HBr from the scrubbing liquid by subjecting the scrubbing liquid to thermal or catalytic dehyrobromination. In plant operations the gaseous HBr purified in the process can then be introduced into a compressor to produce either liquid or gaseous HBr for storage under pressure. Alternatively the purified gaseous HBr can be fed directly into one or more reactions in which HBr is used as a reactant.

No. of Pages: 25 No. of Claims: 18

(21) Application No.5123/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: ORTHODONTIC GRIPPING DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:61/457013 :08/12/2010 :U.S.A.	(71)Name of Applicant: 1)STRITE INDUSTRIES LTD. Address of Applicant: 298 Shepherd Avenue Cambridge Ontario N3C 1V1 Canada (72)Name of Inventor: 1)CHESTER Neil
- 101-1-0 0-	:NA :NA :NA	

(57) Abstract:

The present invention relates to an orthodontic gripping device having a body made of a superelastic metal alloy cold worked titanium beta III or solution heat treated and aged titanium beta III. The body has first and second spaced apart arm portions connected to each other. Each arm portion includes a jaw portion having an inner arch wire gripping surface. The inner gripping surfaces are disposed opposite one another in spaced relation with a station defined therebetween for receiving the arch wire. At least a portion of the station is sized smaller than the arch wire. The arm portions are resiliently deflectable outwardly away from each other to admit the arch wire into the station. Once seated in the station the arch wire is tightly held by inner gripping surfaces so as to resist displacement of the gripping device relative to the arch wire.

No. of Pages: 87 No. of Claims: 60

(22) Date of filing of Application: 07/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: LIQUID CRYSTAL DISPLAY SUBSTRATE AND LIQUID CRYSTAL DISPLAY DEVICE

(51) International :G02F1/1343,G02F1/1337,G02F1/1368 classification

(31) Priority Document :2010275849

(32) Priority Date :10/12/2010

(33) Name of priority

:Japan country

(86) International

:PCT/JP2011/066461 Application No :20/07/2011 Filing Date

(87) International

:WO 2012/077376 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)TOPPAN PRINTING CO. LTD.

Address of Applicant: 5 1 Taito 1 chome Taito ku Tokyo

1100016 Japan

(72)Name of Inventor: 1)SAKAMOTO Taro 2)FUKUYOSHI Kenzo

(57) Abstract:

In a liquid crystal display substrate, the array substrate includes a comb-shaped first and second electrodes. The counter substrate faces the array 5 substrate via a liquid crystal layer and includes a comb-shaped third electrode. In a cross-section perpendicular to the first through third longitudinal directions, comb teeth of the first and second electrodes have a positional relationship in which one 10 is shifted from the other in a first horizontal direction. Comb teeth of the first and third electrodes have a positional relationship in which one is shifted from the other in a second horizontal direction which is opposite to the first horizontal 15 direction

No. of Pages: 111 No. of Claims: 17

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

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

(51) International classification :H04L12/56,H04W40/20 (71)Name of Applicant : (31) Priority Document No 1)NEC CORPORATION :2010269164 (32) Priority Date :02/12/2010 Address of Applicant: 7 1 Shiba 5 chome Minato ku Tokyo (33) Name of priority country 1088001 Japan :Japan (86) International Application No :PCT/JP2011/005084 (72)Name of Inventor: Filing Date 1)YAMATO Junichi :09/09/2011 (87) International Publication No :WO 2012/073406 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The invention executes routing control based on location information of a terminal device without managing an address indicating location information and reduces cost for executing routing control based on location information. Included are: a plurality of nodes each of which forwards a packet; a terminal device to establish a connection with at least one of the nodes and to access a network through at least one of the nodes; and a control device to control a packet forwarding route in response to a request which is sent from at least one of the nodes to request for setting the packet forwarding route wherein the control device comprises: means for storing a plurality of location information respectively corresponding to the respective nodes; means for receiving the request sent from at least one of the nodes connected to the terminal device; and means for identifying a location of the terminal device based on the location information corresponding to the at least one of the nodes and for controlling the packet forwarding route by using the location of the terminal device.

No. of Pages: 42 No. of Claims: 24

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM AND METHOD FOR REDUCING BELT NOISE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B66B11/00,F16H55/36 :NA :NA :NA :PCT/US2011/022035 :21/01/2011 :WO 2012/099604 :NA :NA :NA	(71)Name of Applicant: 1)OTIS ELEVATOR COMPANY Address of Applicant: 10 Farm Springs Road Farmington CT 06032 U.S.A. (72)Name of Inventor: 1)POLAK David 2)CHIPMAN Christopher 3)COFFIN Charles 4)BLANC Arthur 5)WESSON John P. 6)CHEN Yan 7)OPOKU Daniel 8)BURLATSKY Sergei
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(57) Abstract:

The present invention is directed to an elevator system. The elevator system comprises a car a counterweight at least one belt connecting the car and counterweight and at least one sheave having a surface that engages with the belt. At least part of the surface of the sheave that interfaces with the belt has a plurality of features for reducing unwanted noise created due to the interaction between the belt and the sheave surface.

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

(21) Application No.5255/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: COMPOSITIONS AND METHODS FOR MODULATING FXR

(51) International classification :C07D451/06,A61K31/46,A61P3/00

(31) Priority Document No :61/425189 (32) Priority Date :20/12/2010 (33) Name of priority country:U.S.A.

(86) International Application: PCT/US2011/062724

No Filing Date :30/11/2011

(87) International Publication :WO 2012/087519

(61) Patent of Addition to
Application Number :NA

Application Number
Filing Date
(62) Divisional to

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

(71)Name of Applicant:

1)IRM LLC

Address of Applicant :131 Front Street P.O. Box HM 2899

Hamilton HM LX Bermuda (72)Name of Inventor:
1)TULLY David C.
2)RUCKER Paul Vincent

3)ALPER Phillip B. 4)MUTNICK Daniel

5)CHIANELLI Donatella

(57) Abstract:

The present invention relates to compounds of Formula (I) a stereoisomer enantiomer a pharmaceutically acceptable salt or an amino acid conjugate thereof; wherein variables are as defined herein; and their pharmaceutical compositions which are useful as modulators of the activity of Farnesiod X receptors (FXR).

No. of Pages: 260 No. of Claims: 21

(21) Application No.5256/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: LOW DOSE CANNABINOID MEDICAMENTS

(51) International

classification

(31) Priority Document No :61/415331 (32) Priority Date :18/11/2010 (33) Name of priority country: U.S.A. (86) International Application :PCT/US2011/061490

:18/11/2011 Filing Date

(87) International Publication :WO 2012/068516

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)PIER PHARMACEUTICALS

Address of Applicant: 901 Front St. Suite 201 Louisville

Colorado 80027 U.S.A. (72)Name of Inventor: 1)LETENDRE Peter 2)CARLEY David

(57) Abstract:

The present invention provides methods for treating cannabinoid sensitive disorders with a lose dose oral cannabinoid which results in delivery of a therapeutic level during an extended clinically relevant therapeutic window. These methods provide therapeutic dosing while maintaining safe side effect sparing levels of a cannabinoid. The present invention also provides methods of determining optimal dosing in treated patients.

No. of Pages: 52 No. of Claims: 72

(21) Application No.5257/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: COMBINE

(51) International classification :A01D67/00,A01D69/03 (71)Name of Applicant : (31) Priority Document No 1)YANMAR CO.LTD. :2010272677 (32) Priority Date Address of Applicant: 1 9 Tsurunocho Kita ku Osaka shi :07/12/2010 (33) Name of priority country Osaka 5308311 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2011/076949 Filing Date 1)KUSACHI Kanta :22/11/2011 (87) International Publication No :WO 2012/077496 2)SHIMAOKA Toshiyuki (61) Patent of Addition to Application 3)MIZUHATA Tatsuya :NA 4)MORIKAWA Yutaka :NA Filing Date 5)YONG Yao (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The purpose of the present invention is to provide a combine in which the maintainability of the travel-motion hydraulic motors (69), etc. can be improved and i n which the overall height and width of the machine body can be made small. A combine includes a reaping device (3), a thresh ing device (9) having a threshing drum (21), and a travel-motion machine body (1) having right and left crawler belts (2), and supplies stalks of grain fi m the reaping device (3) to the threshing device (9), wherein right and left travel-motion drive cases (63) are provided respectively on right and left track femes (50) on which the right and left crawler belts (2) are respect ively mounted. Right and left drive sprockets (1) for the respective crawler belts (2) are rotatably supported by the respective output sections of the right and left travel-motion drive cases (63). Right and left travel-motion hydraul motors (69) provided to the respectiveice input sections of the right and left travel-motion drive cases (63) are supported on the respective medial sides of the right and left crawler belts (2) on the non-ground-touching side there of and at the height position on the non-ground-touching side of the crawler belts.

No. of Pages: 58 No. of Claims: 3

(21) Application No.5258/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ORDINARY TYPE COMBINE

(51) International classification	:A01D69/06,A01F12/56	(71)Name of Applicant:
(31) Priority Document No	:2010272675	1)YANMAR CO.LTD.
(32) Priority Date	:07/12/2010	Address of Applicant :1 9 Tsurunocho Kita ku Osaka shi
(33) Name of priority country	:Japan	Osaka 5308311 Japan
(86) International Application No	:PCT/JP2011/060662	(72)Name of Inventor:
Filing Date	:09/05/2011	1)KUSACHI Kanta
(87) International Publication No	:WO 2012/077370	2)SHIMAOKA Toshiyuki
(61) Patent of Addition to Application	:NA	3)MIZUHATA Tatsuya
Number	:NA	4)MORIKAWA Yutaka
Filing Date	.11/1	5)YONG Yao
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The purpose of the present invention is to provide an ordinary-type combine in which the fore-and-aft balance of the travelmotion machine body (1) can be improved and in which the maintainability of driving structures, such as the reaping device (3) or the threshing device (9), can be improved. The present invention is an ordinary-type combine that includes a reaping device (3), a threshing device (9) having a threshing drum (21), and a travel-motion machine body (1) having a drivers seat (42), and that supplies stalks of grain from the reaping device (3) to the threshing device (9) through a feeder house (11), wherein: an engine (7) is mounted to the rear section of the travel-motion machine body (1); and the power of the engine (7) is transmitted to the rearend side of a threshing drum shaft (20) that rotatably supports the threshing drum (21), and, in turn, the power of the engine (7) is transmitted from the front-end side of the threshing drum shaft (20) to the reaping device (3), to thereby drive the reaping device (3) by means of the threshing drum shaft (20).

No. of Pages: 53 No. of Claims: 8

(21) Application No.5015/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: COOLING SYSTEM IN A VEHICLE

(51) International classification :F01P3/20,F01P7/16,F02B29/04 (71)Name of Applicant : (31) Priority Document No :10513638

(32) Priority Date :22/12/2010 (33) Name of priority country :Sweden

(86) International Application No :PCT/SE2011/051460

Filing Date :01/12/2011 (87) International Publication No: WO 2012/087223

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)SCANIA CV AB

Address of Applicant :S 151 87 Sdertlje Sweden

(72)Name of Inventor: 1)KARDOS Zoltan 2)JAHNS Dieter

3)RUGELAND Ola

(57) Abstract:

The present invention relates to a cooling system with a circulating coolant for cooling a combustion engine in a vehicle (1). The cooling system comprises a first radiator (13) a first line circuit (14 15 16) which leads coolant from the first radiator (13) to the engine (2) and a second line circuit (17 18) which leads coolant from the engine (2) to the first radiator (13). The cooling system comprises a second radiator (20) situated at a location upstream of the first radiator (13) a third line circuit (21 22 24) which comprises at least one line (21 24) by which it is possible to lead coolant from a line (16) in the first line circuit to the second radiator (20) and a fourth line circuit (25 26a d 27) which leads coolant from the second radiator (20) to the first line circuit (15) and which contains at least one cooler (29 30 31) for cooling a medium or component of the vehicle (1).

No. of Pages: 18 No. of Claims: 8

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : MODULE SYSTEM FOR FORMATION OF A RADIATOR DEVICE AND CHARGE AIR COOLER AND RADIATOR LIQUID COOLER FORMED BY SUCH A MODULE SYSTEM

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:F01P3/18,B60K11/04,F02B29/04 :10513158 :14/12/2010 :Sweden	(71)Name of Applicant: 1)Scania CV AB Address of Applicant: S 151 87 Sdertlje Sweden (72)Name of Inventor:
(86) International Application No Filing Date (87) International Publication	:PCT/SE2011/051431 :28/11/2011	1)KARDOS Zoltan 2)JAHNS Dieter
No	:WO 2012/082051	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Module system for formation of a radiator device (1) for a motor vehicle comprising a basic module (10) and two or more 5 supplementary modules (40, 40) which are connectable to the basic module. Each module comprises an inlet tank (11, 41), an outlet tank (12, 42) and a radiator element (13, 43) which extends between the inlet tank and the outlet tank. The inlet tank (11) of the basic module is provided with a first connecting 10 outlet at an upper end and a second connecting outlet at a lower end, each of which outlets is connectable to the inlet of the inlet tank (41) of respective supplementary modules. The outlet tank (12) of the basic module is similarly provided with a first connecting inlet at an upper end and a second connecting inlet at 15 a lower end, each of which inlets is connectable to the outlet of the outlet tank (42) of respective supplementary modules.

No. of Pages: 26 No. of Claims: 12

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: RADIATOR ARRANGEMENT IN A VEHICLE POWERED BY A COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B60H1/32,B60H1/00 :10513166 :14/12/2010 :Sweden :PCT/SE2011/051418 :24/11/2011 :WO 2012/082050 :NA :NA	(71)Name of Applicant: 1)SCANIA CV AB Address of Applicant: S 151 87 Sdertlje Sweden (72)Name of Inventor: 1)KARDOS Zoltan 2)HALL Ola
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a radiator arrangement in a vehicle (1) powered by a combustion engine (2). The radiator arrangement comprises an AC system (20) with a circulating refrigerant adapted to giving off heat in a condenser (12) and to absorbing heat in an evaporator (23) which is in contact with air close to a cab space (24) in the vehicle (1) and a line circuit in which circulating coolant comes into heat transferring contact with the engine (2). The condenser (12) of the AC system is also in heat transferring contact with coolant which circulates through the line circuit and the radiator arrangement comprises activation means which make it possible for the AC system (20) to be activated and coolant to be circulated through the line circuit at times when the engine (2) is not in operation. When the engine (2) is cold the coolant which circulates in the line circuit can deliver to it the thermal energy which it acquires in the condenser (12).

No. of Pages: 15 No. of Claims: 8

(21) Application No.5018/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PESTICIDAL MIXTURES WITH IMPROVED PROPERTIES

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to	:A01N43/40,A01N53/00,A01N37/50 :10194362.9 :09/12/2010 :EPO :PCT/EP2011/071755 :05/12/2011 :WO 2012/076470 :NA :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant: Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor: 1)JESCHKE Peter 2)VELTEN Robert 3)OLENIK Britta 4)HUNGENBERG Heike
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to novel pesticidal compositions comprising the crystalline modification I of 4 {[(6 chloropyrid 3 yl)methyl](methyl)amino} furan 2(5H) one and a fungicidally active compound that show surprisingly good insecticidal acaricidal nematicidal and fungicidal activities. In particular these compositions are suited for the treatment of seed.

No. of Pages: 42 No. of Claims: 11

(21) Application No.5220/DELNP/2013 A

2) VENTURI Gilles

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CAP FOR SEALING A CONTAINER

(51) International classification:B01L3/14,B65D41/20,B65D51/00 (71)Name of Applicant:
(31) Priority Document No :1060947 1)BIO RAD INNOVATIONS
(32) Priority Date :21/12/2010 Address of Applicant: 3 Boulevard Raymond Poincar F 92430 (33) Name of priority country :France Marnes la Coquette France

(86) International Application
No :PCT/EP2011/073460
(72)Name of Inventor:
1)FOURNIER Laurent

Filing Date :20/12/2011

(87) International Publication :WO 2012/084989

(61) Patent of Addition to Application Number :NA :NA

Filing Date
(62) Divisional to Application
Number
:NA

Filing Date :NA

(57) Abstract:

The present invention relates to a cap comprising a body (32) an opening (34) passing through the cap (30) and adapted in turn to be passed through by at least one product transfer member (20) and a membrane (40) which at rest covers the opening (34). The membrane (40) has a main portion that extends through the opening (34) and defines two inclined faces (45A 45B) each inclined face having a distal edge (46A 46B). The two inclined faces (45A 45B) form a dihedron when the membrane (40) is at rest the distal edges (46A 46B) of the two inclined faces coming together at the apex (47) of the dihedron. The cap comprises at least two flaps (35A 35B) that extend through the opening (34) above the membrane (40) the two inclined faces (45A 45B) of the membrane being respectively covered by two flaps (35A 35B) each flap having a free edge (36A 36B) that extends along the distal edge of the corresponding inclined face.

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

(21) Application No.5221/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SKIN SUTURING DEVICE USING ROTATING NEEDLES

(51) International classification :A61B17/04,A61B17/06,A61L17/14

(31) Priority Document No :61/427003 (32) Priority Date :23/12/2010 (33) Name of priority country:U.S.A.

(86) International Application: PCT/US2011/066401

No :21/12/2011

(87) International Publication :WO 2012/088232

No (61) Patent of Addition to

Application Number Filing Date :NA

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

(71)Name of Applicant: 1)SURGIMATIX INC.

Address of Applicant :2205 S. Wolf Rd. Unit 270 Hillside IL

60162 U.S.A.

(72)Name of Inventor: 1)KOBYLEWSKI Gary

2)CHIN Wai 3)HASAN Jafar

(57) Abstract:

A medical device for installing sutures to close an incision in tissue or human skin is disclosed. The suturing device may provide first and second arcuate needles. Once properly positioned the first and second arcuate needles are driven through the sub dermal layer or alternatively through a superficial surface of two sections of skin to be joined. This is done in arcuate fashion and at identical and symmetrical rates of angular displacement. In so doing the sections of skin are pushed toward one another thus assuring horizontal and vertical alignment of the two sections of skin. During the driving or retraction process of the first and second arcuate needles a suture is positioned within both the first and second sections of skin and transformed from a planar or a multi planar serpentine orientation to a helical orientation. The resulting suturing process is thus much faster than conventional or manual suturing and results in superior wound approximation/alignment that will lead to decreased scarring compared to prior art devices.

No. of Pages: 67 No. of Claims: 20

(21) Application No.5222/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM AND METHOD FOR COUPLING AN EXTENDABLE ELEMENT TO AN ACTUATOR

	:G01N1/02,B01L3/00,A61B10/00 :13/009283	(71)Name of Applicant: 1)METTLER TOLEDO AG
(32) Priority Date	:19/01/2011	Address of Applicant :Im Langacher 44 CH 8606 Greifensee
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No Filing Date	:PCT/EP2012/050427 :12/01/2012	(72)Name of Inventor : 1)BLACKLIN Peter Alfred
(87) International Publication No	:WO 2012/098043	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A system and method for releasably coupling an extendable element to an actuator. Such a system may include an actuator housing with a specially adapted integral connecting end having a cavity therein. An extendable element may extend into the cavity through an opening in the connecting end of the housing and be coupled to a motive element of the actuator by a rotatable collar that resides in the cavity. A cover plate forms a part of the actuator housing connecting end. The cover plate compliments the integral portion of the connecting end and in conjunction therewith encloses the collar and the coupled portion of the extendable element. A substantially hollow end cap is passed over the extendable element and releasably attached to the actuator housing to enclose the distal connecting end thereof. In some embodiments the coupled extendable element may reciprocate within an outer tube that is also releasably attached to the actuator housing.

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

(12) FATENT AFFLICATION FUBLICATION

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: COOLING SYSTEM

(51) International classification :F24F5/00,F24J2/42 (71)Name of Applicant: (31) Priority Document No :2010279148 1)Hitachi Ltd. (32) Priority Date :15/12/2010 Address of Applicant :6 6 Marunouchi 1 chome Chiyoda ku (33) Name of priority country Tokyo 1008280 Japan :Japan (86) International Application No :PCT/JP2011/073591 (72)Name of Inventor : Filing Date 1)KIKUCHI Hiroshige :13/10/2011 (87) International Publication No :WO 2012/081301 2)KAWANE Shinichirou (61) Patent of Addition to Application 3)YOSHIDA Jun :NA 4)OSHIMA Noboru :NA Filing Date 5)SUZUKI Koji (62) Divisional to Application Number :NA Filing Date :NA

(21) Application No.5223/DELNP/2013 A

(57) Abstract:

(19) INDIA

A reduction in the running costs of a heating and cooling system that uses solar heat which combines a solar thermal collector and an absorption refrigerator is achieved by means of a cooling system for cooling a heating medium wherein: a solar thermal collector for collecting heat energy from at least the sun an absorption refrigerator a means for detecting the specific enthalpy of the outside air or the wet bulb temperature of the outside air a means for detecting the amount of direct solar irradiance a means for detecting the cooling load of the heating medium that provides cooling a means for detecting and measuring the pressure inside the solar thermal collector are provided; and the pressure inside the solar thermal collector is changed according to the specific enthalpy of the outside air or the wet bulb temperature of the outside air the amount of direct solar irradiance and the cooling load of the heating medium that provides cooling.

No. of Pages: 36 No. of Claims: 7

(21) Application No.5203/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : IMPROVED NUTRITIONAL COMPOSITION ESPECIALLY FOR INFANTS WITH PARTICULAR FAT PARTICLES

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	10195137.4 15/12/2010 EPO	(71)Name of Applicant: 1)NESTEC S.A. Address of Applicant: Av. Nestl 55 CH 1800 Vevey Switzerland (72)Name of Inventor: 1)ERDMANN Peter 2)BRGGER Juan Carlos 3)FANKHAUSER Peter 4)SINGTOKAEW Siripop
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(57) Abstract:

The present invention provides a process for the manufacture of a dairy product or nutritional formula such as an infant formula which has a fat particle distribution with resembles human breast milk. The process comprises mixing vegetable fat protein and carbohydrates in a high shear rotor stator mixer and subsequently subjecting said mixture to homogenization so as to provide a composition with a monomodal fat particle size distribution and a low proportion of fat particles below 1 μ m. further aspects of the invention relates to the dairy product or nutritional formula and the use of said dairy product or nutritional formula.

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

(21) Application No.5204/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : IDENTIFICATION DEVICE AND METHOD OF MANUFACTURING A CONTINUOUS STRUCTURE

(51) International classification :G06K19/06,G08B13/24,G11B5/127

(31) Priority Document No :10290650.0 (32) Priority Date :14/12/2010

(33) Name of priority :EPO

country (86) International

Application No :PCT/EP2011/072291

Filing Date :09/12/2011

(87) International Publication: WO 2012/080112

No

(61) Patent of Addition to Application Number :NA Filing Date :NA

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

(71)Name of Applicant: 1)NESTEC S.A.

Address of Applicant : Av. Nestl 55 CH 1800 Vevey

Switzerland

(72)Name of Inventor: 1)KOLLEP Alexandre 2)SCHUH Wolfgang

(57) Abstract:

The invention relates to an identification device comprising at least one magnetically responsive micro wire (21) that is suitable for responding to an outside magnetic field characterized in that the identification device includes a core member (7) surrounded by a protective cover member (29) and at least one micro wire (21) being arranged between the core member (7) and the protective cover member (29).

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

(21) Application No.5205/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR PRODUCING CIS 1 AMMONIUM 4 ALKOXYCYCLOHEXANECARBONITRILE **SALTS**

(51) International classification :C07C253/32,C07C255/46 (71)Name of Applicant :

(31) Priority Document No :10196473.2 (32) Priority Date :22/12/2010

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2011/073292

Filing Date :19/12/2011

(87) International Publication No :WO 2012/084862

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :NA Filing Date

1)BAYER INTELLECTUAL PROPERTY GMBH

Address of Applicant : Alfred Nobel Strasse 10 40789

Monheim Germany

(72)Name of Inventor: 1)VOLZ Frank

2)SCHNATTERER Albert

3)KAPTEIN Bernardus

4) CASTELIJNS Anna Maria Cornelia Francisca

(57) Abstract:

The present invention relates to a novel process for the preparation of cis-1-ammonium- 4-alkoxycyclohexanecarbonitrile salts and to novel intermediates or starting compounds which are passed through or used in the process according to the invention.

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

(21) Application No.5206/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR PRODUCING TRIAZINYL SUBSTITUTED OXINDOLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D403/04 :10196205.8 :21/12/2010 :EPO :PCT/EP2011/073283 :19/12/2011 :WO 2012/084855 :NA :NA :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor: 1)KARIG Gunter 2)FORD Mark James 3)SIEGEL Konrad
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(57) Abstract:

Method for producing triazinyl-substituted oxindoles 5 Process for the preparation of triazinyl-substituted oxindoles of formula (3) R1d NN $\$ N (3) 10 and salts thereof by reacting an oxindole (1) with a triazine (2) in the presence of a carbonate, a hydroxide, a phosphate or a mixture of two or more of the aforementioned compounds, and also the compounds of formula (3) and salts thereof (3) and the use of both for producing crop protection agents.

No. of Pages: 55 No. of Claims: 18

(21) Application No.5207/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR PRODUCING N SULFONYL SUBSTITUTED OXINDOLES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D403/04 :10196205.8 :21/12/2010 :EPO :PCT/EP2011/073282 :19/12/2011 :WO 2012/084854 :NA :NA :NA	(71)Name of Applicant: 1)BAYER INTELLECTUAL PROPERTY GMBH Address of Applicant :Alfred Nobel Strasse 10 40789 Monheim Germany (72)Name of Inventor: 1)KARIG Gunter 2)FORD Mark James 3)SIEGEL Konrad 4)SCHNATTERER Stefan
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(57) Abstract:

The invention relates to a method for the selective N-sulfonylation of oxindoles, in particular a method for the Nsulfonylation of 3-triazinyl oxindoles, to N-sulfonyl-substituted 3-triazinyl oxindoles, and to the use of N-sulfonyl-substituted oxindoles and N-sulfonyl-substituted 3-triazinyl oxindoles as intermediate products for the synthesis of fine chemicals and active O substances in the pharmaceutical and agricultural fields, and to the use of said Compounds as active substances in the agricultural field.

No. of Pages: 66 No. of Claims: 18

(21) Application No.5209/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ATOMIC ABSORPTION INSTRUMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :PCT/US2010/059285 :07/12/2010 :WO 2012/078141 :NA :NA	(71)Name of Applicant: 1)PERKINELMER HEALTH SCIENCES INC. Address of Applicant: 940 Winter Street Waltham Massachusetts 02451 U.S.A. (72)Name of Inventor: 1)JIN Feng
- 1,02220 02		
(62) Divisional to Application Number Filing Date	:NA :NA	
7		

(57) Abstract:

An atomic absorption instrument has a burner and a mixing apparatus for delivering a combustible mixture to the burner. The mixing apparatus includes a mixing chamber assembly having a plurality of internal delivery passageways. An end cap assembly holds a nebulizer closes a mixing chamber. The end cap assembly has a plurality of internal feed passageways through which fluid from the internal delivery passageways flows into the mixing chamber. Latch mechanisms couple the end cap assembly to the mixing chamber assembly. The latch mechanisms can be operated to remove the end cap assembly.

No. of Pages: 43 No. of Claims: 36

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ELECTROLYTE SOLUTION AND ELECTROCHEMICAL SURFACE MODIFICATION METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA	(71)Name of Applicant: 1)METCON LLC Address of Applicant:1817 B Pennsylvania Avenue Monaca Pennsylavania 15061 U.S.A. (72)Name of Inventor: 1)CLASQUIN James L. 2)CHRISTENSEN Thomas J.
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(57) Abstract:

An aqueous electrolyte solution including a concentration of citric acid in the range of about 1.6 g/L to about 982 g/L and an effective concentration of ammonium bifluoride (ABF) and being substantially free of a strong acid. Methods of treating the surface of a non ferrous metal workpiece include exposing the surface to a bath of an aqueous electrolyte solution including a concentration of citric acid less than or equal to about 300 g/L and a concentration of ammonium bifluoride greater than or equal to about 10 g/L and having no more than about 3.35 g/L of a strong acid controlling the temperature of the bath to be greater than or equal to about 54 °C connecting the workpiece to the anode of a DC power supply and immersing a cathode of the DC power supply in the bath and applying a current across the bath.

No. of Pages: 84 No. of Claims: 14

(21) Application No.5152/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: COMPOUNDS FOR TREATING RESPIRATORY SYNCYTIAL VIRUS INFECTIONS

(51) International :C07D471/14,A61K31/4985,C07D487/22 (31) Priority Document No :2010905234

(32) Priority Date :26/11/2010 (33) Name of priority :Australia

country

(86) International Application No :PCT/AU2011/001509

Filing Date :23/11/2011

(87) International Publication No :WO 2012/068622

(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date :NA (71)Name of Applicant:

1)BIOTA SCIENTIFIC MANAGEMENT PTY LTD

Address of Applicant :10/585 Blackburn Road Notting Hill

Victoria 3168 Australia (72)Name of Inventor:

1)MAYES Penelope Anne 2)MITCHELL Jeffrey Peter 3)DRAFFAN Alistair George 4)PITT Gary Robert William 5)ANDERSON Kelly Helen

6)LIM Chin Yu

(57) Abstract:

The present invention relates to compounds of formula (I) racemates isomers and/or salts thereof useful in the treatment of viral infections in particular respiratory syncytial virus (RSV) infections. The present invention also relates to processes for preparing the compounds.

No. of Pages: 55 No. of Claims: 23

(21) Application No.5155/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: BLADELESS CEILING FAN

(51) International classification: F24F7/007,F24F13/26,F24F13/32 (71)Name of Applicant:

:25/11/2011

:WO 2012/085528

(31) Priority Document No :1021911.1 (32) Priority Date :23/12/2010

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

(86) International Application :PCT/GB2011/052329

No Filing Date

(87) International Publication

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)DYSON TECHNOLOGY LIMITED

Address of Applicant : Tetbury Hill Malmesbury Wiltshire

SN16 ORP U.K.

(72)Name of Inventor:

1)NICOLAS Frederic

2)DAVIS Alan

3)MACDONALD James

(57) Abstract:

An annular nozzle for a ceiling fan includes an inner wall defining a bore having a bore axis an outer wall extending about the inner wall an air inlet for receiving an air flow and an air outlet section extending between the inner wall and the outer wall. The air outlet section defines an air outlet for emitting the air flow. An interior passage extends about the bore axis for conveying the air flow to the air outlet. The air outlet section is configured to emit the air flow away from the bore axis.

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

(21) Application No.5156/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 10/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: CORRUGATED COMPONENTS FOR MILLIMETER SUBMILLIMETER AND TERAHERTZ ELECTROMAGNETIC WAVES MADE BY STACKED RINGS

(51) International :H01Q13/02,H01P3/123,B23Q33/00

classification

(31) Priority Document No :61/420386 (32) Priority Date :07/12/2010 (33) Name of priority country: U.S.A.

(86) International Application: PCT/IB2011/053835

No :01/09/2011

Filing Date

(87) International Publication :WO 2012/076995

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)ECOLE POLYTECHNIQUE FEDERALE DE

LAUSANNE (EPFL)

Address of Applicant :EPFL TTO Quartier de lInnovation J

CH 1015 Lausanne Switzerland

(72)Name of Inventor:

1)MACOR Alessandro

(57) Abstract:

The corrugated component for the transmission and manipulation of electromagnetic signals with frequency up to several THz comprises an assembly of a plurality of plates stacked together in a hollow guiding rod wherein said plates have at least one aperture of alternating diameter to form a slot or a ridge in alternate fashion wherein the external shape of said plates corresponds to the internal shape of the hollow guiding rod. The invention also concerns a method for assembling such a corrugated component.

No. of Pages: 26 No. of Claims: 15

(21) Application No.5157/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :10/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD OF ADJUSTING POWER ABSORBED BY AT LEAST ONE ELECTRICALLY POWERED VEHICLE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:PCT/EP2011/066037 :15/09/2011	(71)Name of Applicant: 1)SIEMENS S.A.S. Address of Applicant: 9 Boulevard Finot F 93200 Saint Denis France (72)Name of Inventor: 1)EL FASSI Said 2)BAVARD Xavier 3)CHATTOT Eric 4)VERHILLE Jean No«l
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(57) Abstract:

The present invention describes a method of adjusting the I vl OvJv £\JT power absorbed by at least one vehicle powered by at. least: one electrical energy storage unit, one electrical network on the ground providing the vehicle with at least one inrush current necessary for starting up the vehicle, characterized in that before and at least during the starting-up of the vehicle, the inrush current is adjusted to a constant mean value and variations of said inrush current around the mean value are kept to a minimum by controlling at least one variable supply of compensating energy from the energy storage unit of said vehicle.

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

(21) Application No.5224/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR PREPARING NONI JUICE

(51) International classification	:A23L2/02,A23L2/04,A23L2/70	(71)Name of Applicant:
(31) Priority Document No	:10 04757	1)CENTRE DE COOPERATION INTERNATIONALE EN
(32) Priority Date	:07/12/2010	RECHERCHE AGRONOMIQUE POUR LE
(33) Name of priority country	:France	DEVELOPPEMENT (CIRAD)
(86) International Application No :PCT/IB2011/055494		Address of Applicant :42 rue Scheffer F 75016 Paris France
Filing Date	:06/12/2011	2)UNIVERSIDAD DE COSTA RICA
(87) International Publication No	:WO 2012/077053	(72)Name of Inventor:
(61) Patent of Addition to	:NA	1)BRAT Pierre
Application Number	:NA	2)CHAN Yanine
Filing Date	.NA	3)MERTZ Christian
(62) Divisional to Application	:NA	4)REYNES Max
Number	:NA	5)PEREZ Ana M.
Filing Date	.INA	6)VAILLANT Fabrice

(57) Abstract:

The present invention relates to a method for preparing noni juice including the steps of: a) grinding the noni fruits when they are in the white translucent stage of ripening so as to produce a pure of noni fruits; b) enzymatically treating said pure of noni fruits with an enzymatic preparation having at least one pectinase activity and at least one cellulase activity the content of the pure of noni fruits being 50 to 200 ml or g/tonne and the treatment being carried out at a temperature of 20 to 55°C for at least 30 minutes; c) removing the pulp and seeds from the noni fruits by pressing said pure so as to produce a first juice; d) screening or filtering said first juice obtained at the end of step c) with a screen or filter having a large mesh so as to produce a second juice; and e) tangential microfiltration or ultrafiltration. The present invention also relates to the noni juice that can be obtained by the above described method said juice having an octanoic acid content of less than 200 μ g/g of noni juice and a hexanoic acid content of less than 200 μ g/g of noni juice.

No. of Pages: 66 No. of Claims: 6

(21) Application No.5226/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : MEDICAL IMPLANT COMPRISING A BIODEGRADABLE MAGNESIUM BASED ALLOY AND METHOD FOR ITS MANUFACTURE

:A61L27/04,A61L27/58 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)SYNTHES USA LLC :61/425294 :21/12/2010 (32) Priority Date Address of Applicant: 1302 Wrights Lane East West Chester (33) Name of priority country :U.S.A. PA 19380 U.S.A. (86) International Application No 2)SYNTHES GMBH :PCT/US2011/066158 Filing Date :20/12/2011 (72)Name of Inventor: (87) International Publication No :WO 2012/088112 1)KURZE Peter (61) Patent of Addition to Application 2)IMWINKELRIED Thomas :NA Number 3)BECK Stefan :NA Filing Date 4)BANERJEE Dora (62) Divisional to Application Number :NA 5)SCHWARZ Tamara Filing Date :NA

(57) Abstract:

A medical implant comprises a biodegradable magnesium based alloy of which at least a part of its surface layer comprises a magnesium carbonate. A method for the manufacture of a biocompatible corrosion inhibiting protective surface layer on a medical implant comprising a magnesium based alloy comprises: providing an implant comprising a magnesium based alloy to be coated; placing the implant into a reactor chamber; exposing at least part of the surface of said implant to an atmosphere comprising humid carbon dioxide to produce a coating on the surface of the implant comprising a magnesium carbonate of the formula x MgCO \cdot y Mg (OH) whereby x + y = 1; removing the implant from the reactor chamber; and drying the surface of the implant.

No. of Pages: 16 No. of Claims: 31

(21) Application No.5227/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : NOVEL OXIME DERIVATIVES AS SPHINGOSINE 1 PHOSPHATE (S1P) RECEPTOR MODULATORS

(51) International :A61P9/10,A61K31/197,A61K31/662 classification (31) Priority Document No :61/419362 :03/12/2010 (32) Priority Date (33) Name of priority :U.S.A. country (86) International :PCT/US2011/061337 Application No :18/11/2011 Filing Date (87) International :WO 2012/074782

Publication No
(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to

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

(71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant :2525 Dupont Drive Irvine California

92886 U.S.A.

(72)Name of Inventor:1)FANG Wenkui K.2)WANG Liming3)CORPUZ Evelyn G.

4)CHOW Ken 5)IM Wha Bin

(57) Abstract:

The present invention relates to novel oxime derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

No. of Pages: 71 No. of Claims: 15

(21) Application No.5228/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: NOVEL PHENYL OXADIAZOLE DERIVATIVES AS SPHINGOSINE 1 PHOSPHATE (S1P) RECEPTOR MODULATORS

(51) International :A61K31/41,C07D271/06,C07F9/38 classification

:61/419306 (31) Priority Document No

(32) Priority Date :03/12/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/060639

No :14/11/2011

Filing Date

(87) International Publication :WO 2012/074732

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)ALLERGAN INC.

Address of Applicant: 2525 Dupont Drive Irvine California

92886 U.S.A.

(72)Name of Inventor:

1)FANG Wenkui K. 2)WANG Liming 3)CORPUZ Evelyn G.

4)CHOW Ken

5)IM Wha Bin

(57) Abstract:

The present invention relates to novel phenyl oxadiazole derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

No. of Pages: 50 No. of Claims: 12

(21) Application No.5229/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: NOVEL BENZYL AZETIDINE DERIVATIVES AS SPHINGOSINE 1 PHOSPHATE (S1P) RECEPTOR MODULATORS

(51) International :A61K31/41,C07D413/10,C07D413/14 classification

(32) Priority Date

(31) Priority Document No:61/419293 :03/12/2010

(33) Name of priority

:U.S.A.

country

(86) International :PCT/US2011/060404

Application No

:11/11/2011 Filing Date

(87) International

:WO 2012/074722 Publication No

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to :NA Application Number :NA

Filing Date

(71)Name of Applicant: 1)ALLERGAN INC.

Address of Applicant: 2525 Dupont Drive Irvine California

92886 U.S.A.

(72)Name of Inventor:

1)FANG Wenkui K.

2)WANG Liming

3)CORPUZ Evelyn G.

4)CHOW Ken

5)IM Wha Bin

(57) Abstract:

The present invention relates to novel benzyl azetidine derivatives processes for preparing them pharmaceutical compositions containing them and their use as pharmaceuticals as modulators of sphingosine 1 phosphate receptors.

No. of Pages: 38 No. of Claims: 11

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: NOVEL AND NEW NUTRIENT FOR CULTIVATION OF PIRIFORMOSPORA INDICA

(51) International classification :A61 (31) Priority Document No :NA (32) Priority Date :NA	K (71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS,
(33) Name of priority country :NA	SECTOR - 125, NOIDA-201303, UP, INDIA. Uttar Pradesh India
(86) International Application No :NA	(72)Name of Inventor:
Filing Date :NA	1)MONIKA ARORA
(87) International Publication No :NA	2)AMIT CHANDRA KHARKWAL
(61) Patent of Addition to Application Number :NA	3)K.S.BAINS
Filing Date :NA	4)AJIT VARMA
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract:

The present invention provides the carbohydrate enriched medium for the growth of endophytic fungus and for measuring the growth changes in terms of fresh biomass as well as the morphological changes in the fungus. The invention relates to the medium that contains a highly rich composition of carbohydrates selected from the group such as sucrose, glucose and fructose. The medium used for cultivation or for maintaining the spores of fungus is very cost effective.

No. of Pages: 18 No. of Claims: 4

(21) Application No.5259/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD FOR DETECTING AND QUANTIFYING MICROORGANISMS

(51) International classification :C12Q1/04,C12Q1/06,C12Q1/18 (71) Name of Applicant:

:10 59983 (31) Priority Document No (32) Priority Date :01/12/2010 (33) Name of priority country :France

(86) International Application No:PCT/IB2011/055384 Filing Date :30/11/2011

(87) International Publication No: WO 2012/073202

(61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1) COMMISSARIAT A LENERGIE ATOMIQUE ET AUX

ENERGIES ALTERNATIVES

Address of Applicant :25 rue Leblanc Btiment « Le Ponant D

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(72)Name of Inventor:

1)ROUPIOZ Yoann

2)CALEMCZUK Roberto

3) VERNET Thierry

4)LIVACHE Thierry 5)BOUGUELIA Sihem

6)DURMORT Claire

(57) Abstract:

The present invention relates to a method for detecting at least one microorganism in a sample including: cultivating the sample in a liquid medium in the presence of at least one specific ligand of the microorganism and at least one scavenger having a lower affinity to the microorganism than the ligand the binding of a compound to the ligand producing a first measurable signal and the binding of a compound to the scavenger producing a second measurable signal; determining the values of the first and second signals for at least one cultivation period; wherein it is deduced that the sample includes the microorganism when the values of the first signal and second signal are different for the same cultivation period.

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

(21) Application No.749/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : AN IMPROVED PROCESS OF PURIFICATION OF PUNICA GRANATUM (POMEGRANATE) ALKALINE PHOSPHATASE BY AQUEOUS TWO PHASE EXTRACTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS, SECTOR - 125, NOIDA-201303, UP, INDIA Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KIRTI RANI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides an improved process for the extraction of alkaline phosphatase from Punica Granatum (Pomegranate) with potassium phosphate buffer and its purification by aqueous two phase extraction .This aqueous two phase extraction method purifies 70-75% of Punica Granatum (Pomegranate) alkaline phosphatase. Thus, this improved method increases the % of purity of Punica Granatum (Pomegranate) alkaline phosphatase which can be used for further industrial applications such as in food & pharmaceutical, clinical, textiles, detergent and chemical industries.

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

(22) Date of filing of Application :08/09/2008 (43) Publication Date : 28/11/2014

(54) Title of the invention : CERAMIC BASED NANOPARTICLES FOR ENTRAPPING THERAPEUTIC AGENTS FOR PHOTODYNAMIC THERAPY AND METHOD OF USING SAME

(51) International classification	:A61K 9/14	(71)Name of Applicant:
(31) Priority Document No	:NA	1)THE RESEARCH FOUNDATION OF STATE
(32) Priority Date	: -	UNIVERSITY OF NEW YORK
(33) Name of priority country	:	Address of Applicant :University at Buffalo STOR
(86) International Application No	:PCT/US04/002101	Intellectual Property Division UB Technology Incubator Suite
Filing Date	:26/01/2004	111 1576 Sweet Home Road Amherst New York 14228 U.S.A.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)Paras N. Prasad
Number	:NA	2)Indrajit Roy
Filing Date		3)Earl J. Bergey
(62) Divisional to Application Number	:3219/DELNP/2005	, ,
Filed on	:20/07/2005	5)Haridas Pudavar

(57) Abstract:

The present invention provides methods and compositions for photodynamic therapy. The composition comprises ceramic nanoparticles in which a photosensitive drug/dye is entrapped. The ceramic nanoparticles are made by formation of a micellar composition of the dye. The ceramic material is added to the micellar composition and the ceramic nanoparticles are precipitated by alkaline hydrolysis. The precipitated nanoparticles in which the photosensitive dye/drug is entrapped can be isolated by dialysis. The resulting drug doped nanoparticles are spherical, highly monodispersed, and stable in aqueous system. Irradiation with light of suitable wavelength of the photosensitizing drug entrapped inside nanoparticles resulted in generation of singlet ...

No. of Pages: 29 No. of Claims: 14

(22) Date of filing of Application :06/03/2012

(21) Application No.648/DEL/2012 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: PHYTOESTROGENS ENRICHED FUNCTIONAL DIETARY SUPPLEMENT FOR USE IN THE PREVENTION OF MALNUTRITION, OSTEOPOROSIS AND ASSOCIATED DISORDERS IN FEMALES AND PROCESS FOR THE PREPARATION THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A23L :NA :NA :NA :NA :NA :NA :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)DHAN PRAKASH 2)CHARU GUPTA
(62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

(19) INDIA

The present invention provides a new composition of a functional food product suitable for use as effective dietary supplement in prevention and treatment of osteoporosis malnutrition and associated disorders in females and a process for the preparation thereof. The composition comprises specific quantities of defatted and microwave roasted seed meals of flaxseed (Linum usitatissimum), soybean (Glycine max), bengal gram (Cicer arietinum) and scientifically validated phytochemicals obtained by process from pomace of red grapes (Vitis vinifera), fruit pericarp and pomace of Pomegranate (Punica granatum), cabbage (Brassica oleracea), fortified with natural calcium and ascorbic acid (vitamin C). The product is cost effective and can be used by all segments of females to improve overall quality of life associated with postmenopausal conditions, osteoporosis and malnutrition.

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

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: STABLE HETERODIMERIC ANTIBODY DESIGN WITH MUTATIONS IN THE FC DOMAIN

(51) International classification(31) Priority Document No	:C07K16/46,A61K39/395,A61P35/00	(71)Name of Applicant: 1)ZYMEWORKS INC. Address of Applicant: 540 1385 West 8th Avenue Vancouver
(32) Priority Date	:05/11/2010	British Columbia V6H 3V9 Canada
(33) Name of priority country	:U.S.A.	(72)Name of Inventor: 1)CABRERA Eric Escobar
(86) International Application No Filing Date	:PCT/CA2011/001238 :04/11/2011	2)VON KREUDENSTEIN Thomas Spreter 3)DIXIT Surjit Bhimarao 4)LARIO Paula Irene
(87) International Publication No	:WO 2012/058768	5)POON David Kai Yuen 6)DANGELO Igor Edmondo Paolo
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The provided scaffolds have heavy chains that are asymmetric in the various domains (e.g.CH2 and CH3) to accomplish selectivity between the various Fc receptors involved in modulating effector function beyond those achievable with a natural homodimeric (symmetric) Fc molecule and increased stability and purity of the resulting variant Fc heterodimers. These novel molecules comprise complexes of heterogeneous components designed to alter the natural way antibodies behave and that find use in therapeutics.

No. of Pages: 241 No. of Claims: 90

(21) Application No.5382/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: OFFSET VALVE BORE IN A RECIPROCATING PUMP

(51) International :F04B39/00,F04B17/05,F04B53/14 classification

(31) Priority Document No :61/421453 (32) Priority Date :09/12/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/063946

:08/12/2011 Filing Date

(87) International Publication :WO 2012/078870

No (61) Patent of Addition to

Application Number :NA Filing Date

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

(71)Name of Applicant:

1)S.P.M. FLOW CONTROL INC.

Address of Applicant :601 Weir Way Fort Worth Texas 76108

(72)Name of Inventor:

1)BAYYOUK Jacob A. 2)MACKENZIE Donald

(57) Abstract:

A fluid end (15) for a multiple reciprocating pump assembly (12) comprises at least three plunger bores (61) or (91) each for receiving a reciprocating plunger (35) each plunger bore having a plunger bore axis (65) or (95). Plunger bores being arranged across the fluid head to define a central plunger bore and lateral plunger bores located on either side of the central plunger bore. Fluid end (15) has suction valve bores (59) or (89) each suction valve bore receiving a suction valve (41) and having a suction valve bore axis (63) or (93). Discharge valve bores (57) or (87) each discharge valve bore receiving a discharge valve (43) and having a discharge valve bore axis (63) or (93). The axes of at least one of suction and discharge valve bores is inwardly offset in the fluid end from its respective plunger bore axis.

No. of Pages: 37 No. of Claims: 14

(21) Application No.747/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : BIOFABRICATION OF THERMALLY STABLE SELENIUM NANOBALLS USING DRIED VITIS VINIFERA (RAISIN) EXTRACT

(51) International classification	:C12N	(71)Name of Applicant:
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
	:NA	1)GARIMA SINGHAL
(87) International Publication No	:NA	2)R.P.SINGH
(61) Patent of Addition to Application Number	:NA	3)RIJU BHAVESH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a lignin capped selenium nanoballs synthesized by using dried Vitis vinifera extract. The nanoballs are of uniform size and highly stable. The nanoballs show high resistivity towards thermal stress and can therefore be sterilized using autoclave for medical applications.

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

(21) Application No.5129/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF NEBFVOLOL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D311/58 :RM2010A000622 :30/11/2010 :Italy :PCT/IB2011/055385 :30/11/2011 :WO 2012/095707 :NA :NA :NA	(71)Name of Applicant: 1)MENARINI INTERNATIONAL OPERATIONS LUXEMBOURG S.A. Address of Applicant: 1 Avenue de la Gare L 1611 Luxembourg (72)Name of Inventor: 1)MAURO Sandro 2)FATTORI Daniela 3)CIPOLLONE Amalia 4)DANDREA Piero
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(57) Abstract:

The present invention relates to a novel process for the synthesis of the Nebivolol product depicted in Scheme 1 comprised of a reduced number of high yield steps and characterized by the enzymatic resolution of the chroman ester precursor.

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

(21) Application No.5130/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: EXTRACTION OF WATER FROM AIR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:0197510 :25/11/2010 :Switzerland :PCT/IB2011/002738 :09/11/2011 :WO 2012/069901 :NA :NA	(71)Name of Applicant: 1)LEHKY Jan Marc Address of Applicant: Imfeldstrasse 16 CH 8037 Z1/4rich Switzerland 2)LEHKY HAGEN Monique (72)Name of Inventor: 1)LEHKY Pavel
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Water vapor is extracted from air in a process in which water vapor from large volumes of air is concentrated by absorption into a small volume of hygroscopic liquid (14) from which it is recovered by passage through a selective layer (12).

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

(21) Application No.5269/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : TECHNIQUES FOR PROTECTING AGAINST DENIAL OF SERVICE ATTACKS NEAR THE SOURCE

(51) International classification (31) Priority Document No	:G06F9/00 :12/981198	(71)Name of Applicant: 1)AMAZON TECHNOLOGIES INC.
(32) Priority Date(33) Name of priority country	:29/12/2010 :U.S.A.	Address of Applicant :P.O. Box 8102 Reno Nevada 89507 U.S.A.
(86) International Application No Filing Date	:PCT/US2011/065876 :19/12/2011	(72)Name of Inventor : 1)DICKINSON Andrew B.
(87) International Publication No	:WO 2012/091992	2)BRANDWINE Eric Jason
(61) Patent of Addition to ApplicationNumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods protect against denial of service attacks. Remotely originated network traffic addressed to one or more network destinations is routed through one or more locations. One or more of the locations may be geographically proximate to a source of a denial of service attack. One or more denial of service attack mitigation strategies is applied to portions of the network traffic received at the one or more locations. Network traffic not blocked pursuant to the one or more denial of service attack mitigation strategies is dispatched to its intended recipient. Dispatching the unblocked network traffic to its intended recipient may include the use of one or more private channels and/or one or more additional denial of service attack mitigation strategies.

No. of Pages: 45 No. of Claims: 14

(21) Application No.4966/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: DIARYLPYRIDAZINONE DERIVATIVES PREPARATION THEREOF AND USE THEREOF FOR THE TREATMENT OF HUMANS

(51) International classification :A61K31/50,C07D237/14 (71)Name of Applicant : (31) Priority Document No :1061021 (32) Priority Date :22/12/2010 (33) Name of priority country :France (86) International Application No :PCT/EP2011/073476

Filing Date :20/12/2011 (87) International Publication No :WO 2012/085001

(61) Patent of Addition to Application :NA Number :NA Filing Date

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

1)PIERRE FABRE MEDICAMENT

Address of Applicant: 45 place Abel Gance F 92100 Boulogne

Billancourt France (72)Name of Inventor:

1)DUPONT PASSELAIGUE Elisabeth

2)LE ROY Isabelle 3)MIALHE Samuel 4)PIGNIER Christophe

(57) Abstract:

The present invention relates to diarylpyridazinone derivatives that block the potassium Kv channels (specifically the Kv1.5 Kv4.3 and Kv11.1 channels) and to the use thereof for the treatment of humans. Said compounds have the general formula (I) where R and R are simultaneously or independently one or more groupings such as: halogen such as F Br Cl a straight or branched C Calkyl hydroxy a straight or branched C Calkoxy arylsulfonamido in which the aryl is optionally replaced with a straight or branched C Calkyl or nitrile as well as the various enantiomers and the mixtures thereof in any proportion and the pharmaceutically acceptable salts thereof.

No. of Pages: 39 No. of Claims: 11

(21) Application No.4967/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: STERILE GLOVE WITH TOUCHLESS DONNING

(51) International classification	:A41D19/00	(71)Name of Applicant :
(31) Priority Document No	:12/946554	1)BHALLA Jagmohan
(32) Priority Date	:15/11/2010	Address of Applicant :2022 Columbia Rd. Nw #605
(33) Name of priority country	:U.S.A.	Washington DC 20009 U.S.A.
(86) International Application No	:PCT/US2011/059903	(72)Name of Inventor:
Filing Date	:09/11/2011	1)BHALLA Jagmohan
(87) International Publication No	:WO 2012/067909	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A sterile glove that includes a hand and finger portion a cuff having an inside surface and an outside surface and a cuff rim. The cuff is adapted to be folded over at a fold when the glove is packaged and a portion of the inside surface of the cuff becomes an outer facing surface when it is folded over. The glove further includes a detachable tab that is coupled to the inside surface and includes a free end and a non free end. The glove further includes a detachable shield covering at least a portion of the outer facing surface when the cuff is folded over at the fold.

No. of Pages: 25 No. of Claims: 20

(21) Application No.649/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :06/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : PROCESS FOR IMMOBILIZATION OF ALKALINE PHOSPHATASE EXTRACTED FROM AZADIRACHTA INDICA IN NANOPARTICLES OF EGG ALBUMIN

(51) International classification(31) Priority Document No(32) Priority Date	:C07C :NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, UP, INIDIA
(86) International Application No Filing Date	:NA :NA	(72)Name of Inventor : 1)KIRTI RANI
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a process for encapsulation of alkaline phosphatase in emulsified nanoparticles of egg albumin through glutaraldehyde and coconut oil. The emulsification with coconut oil and covalent coupling with glutaraldehyde increases the stability of these nanoparticles as well as it also allows the sustained release of encapsulated alkaline phosphatase in the delivery system in the presence of proteases. The encapsulation also increases the percentage of immobilization of the enzyme in the prepared nanoparticles. The prepared encapsulated emulsified nanoparticles of egg albumin of bound alkaline phosphatase along with proteases (trypsin, papain, chymotrypsin) is used in a different industry, preferably pharmaceutical industry.

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

(21) Application No.942/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :29/03/2012

(43) Publication Date: 28/11/2014

(54) Title of the invention : DEVELOPMENT OF IMPROVED DISPOSABLE BIOSTRIPS OF ACTIVATED WOVEN SILK FABRIC FOR TESTING PASTEURIZED MILK

(51) International classification (31) Priority Document No	:A42C :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR - 125, NOIDA-201303, UP, INDIA
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KIRTI RANI
(87) 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 the development of improved disposable biostrips of activated woven silk fabric by diazotization for pasteurization test in milk. The disposable biostips of activated woven silk fabric is prepared by immobilization of chromogen and substrate which give the instant color change from light blue to green if alkaline phosphatase is present in milk sample. Thus, these are simple dry-reagent biostrips of activated woven silk fabric for detection of pasteurized milk. This is a cost effective and rapid method of qualitative estimation of alkaline phosphatase in the milk samples.

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

(21) Application No.5265/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : APPARATUS SYSTEMS AND METHODS FOR USING HANDHELD MEASUREMENT DEVICES TO CREATE ON DEMAND PACKAGING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:15/12/2011 :WO 2012/082980 :NA	(71)Name of Applicant: 1)PACKSIZE LLC Address of Applicant: 4505 Wasatch Boulevard Salt Lake City UT 84124 U.S.A. (72)Name of Inventor: 1)PETTERSSON Niklas
Number Filing Date	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Methods apparatus assemblies and systems relate to producing on demand packaging. For example packaging can be automatically produced on demand and be sized and configured for use with a customized set of items and/or a customized arrangement of items. In one aspect one or more items are arranged. The one or more items are then measured using a measurement device. The measurement device includes in some aspects a bracket that engages the arranged one or more items. The bracket may in some embodiments elevate a measurement component relative to the arranged one or more items so as to provide clear line of sight unobstructed by the arranged one or more items. Measurements in three dimensions may be obtained and used to create a custom on demand package.

No. of Pages: 42 No. of Claims: 41

(21) Application No.806/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : DEVELOPMENT OF NOVEL NANOCOMPOSITES AS CHEMICAL SENSORS USING FUNCTIONALIZED GRAPHITE NANOPARTICLES AND GRAFTED POLYMERS THROUGH CHEMICAL LIGATION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country(86) International Application No	:NA :NA :NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA. (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA :NA :NA	1)SUNITA RATTAN 2)MONALISA MUKHERJEE 3)JOHN E. MOSES
Filing Date	:NA	

(57) Abstract:

The present invention relates to an effective method for preparing stable nanocomposites using functionalized and uniformly dispersed graphite nanoparticles (GNPs) in polymer matrix. The functionalized graphite/polymer nanocomposites are prepared using combination of click chemistry and graft copolymerization. Graft copolymerization of the polymer allows functionalization of the matrix, to which azide functionalized GNPs through click chemistry is linked to form a very stable nanocomposites having application as sensors.

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

(21) Application No.5377/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WINDSHIELD WIPER AND WINDSHIELD WASHER DEVICE

(51) International classification	:B60S1/48	(71)Name of Applicant :
(31) Priority Document No	:1060349	1)RENAULT SAS
(32) Priority Date	:10/12/2010	Address of Applicant :13 15 Quai le Gallo F 92100 Boulogne
(33) Name of priority country	:France	Billancourt France
(86) International Application No	:PCT/EP2011/071994	(72)Name of Inventor:
Filing Date	:07/12/2011	1)VERNEUIL Pascal
(87) International Publication No	:WO 2012/076562	
(61) Patent of Addition to Application	.NTA	
Number	:NA	
- 1,00000	:NA	
Filing Date		
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention relates to a windshield wiper and windshield washer device comprising blades and a motor (12) for driving said blades in alternating motion between two neutral positions. Said blades describe a wiping surface between said two positions. It also comprises nozzles (68) oriented toward the wiping surface and a supply pump (70) for supplying said nozzles with washing fluid. Said device also comprises a first control circuit (10) for actuating said motor (12) and a second control circuit (76) for actuating said pump (70) said second control circuit (76) having an activatable contactor (78) for powering said second control circuit. According to the invention said control circuits (10 76) are electrically coupled to one another and said pump (70) is actuated when said activatable contactor (78) is activated and at the same time said blades are in at least one of said two neutral positions.

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

(21) Application No.5378/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FUEL SUPPLY DEVICE

(51) International classification	:F02M37/10,F02M37/00	(71)Name of Applicant :
(31) Priority Document No	:2010288798	1)MITSUBA Corporation
(32) Priority Date	:24/12/2010	Address of Applicant :2681 Hirosawa cho 1 chome Kiryu shi
(33) Name of priority country	:Japan	Gunma 3768555 Japan
(86) International Application No	:PCT/JP2011/079824	2)HONDA MOTOR CO. LTD.
Filing Date	:22/12/2011	(72)Name of Inventor:
(87) International Publication No	:WO 2012/086761	1)MIYAKI Atsushi
(61) Patent of Addition to Application	:NA	2)HASHIMOTO Kiyoshi
Number	:NA	3)SATO Hiroshi
Filing Date	.IVA	4)HORISOKO Shinichiro
(62) Divisional to Application Number	:NA	5)UENO Masaki
Filing Date	:NA	6)TSUTSUMI Tomohiro

(57) Abstract:

A pressure regulator (76) is characterised by being provided with a return flow path (78) which: is the inner side of an upper cap (25); is disposed on the plane of projection of a fuel pump (3) when viewed in the axial direction; communicates between a pressure regulator (76) and a reservoir portion (11) between the fuel pump (3) the upper cap (25) and a flange unit (4); and which guides the fuel discharged from the pressure regulator (76) to the reservoir portion (11).

No. of Pages: 55 No. of Claims: 13

(21) Application No.748/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :15/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : SENSOR FOR LPG AND CO DETECTION AT ROOM TEMPERATURE AND METHOD FOR PREPARATION THEREOF

(51) International classification	:G01V	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY UTTAR PRADESH, SEC-125,
(32) Priority Date	:NA	NOIDA-201303
(33) Name of priority country	:NA	Address of Applicant : AMITY UNIVERSITY CAMPUS,
(86) International Application No	:NA	SECTOR-125, NOIDA-201303, UP, INDIA
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	:NA	1)PRASHANT SHUKLA
(61) Patent of Addition to Application Number	:NA	2)VIKESH GAUR
Filing Date	:NA	3)NITIN BHARDWAJ
(62) Divisional to Application Number	:NA	4)VASUDA BHATIA
Filing Date	:NA	5)VINOD KUMAR JAIN

(57) Abstract:

The present invention relates to a low cost graphite based sensor used for the detection of LPG and CO gas at room temperature. The graphite film sensor works as a sensing element as it is easily available and cost effective. The graphite film based sensor detects the LPG and carbon monoxide within a few seconds and detect and quantify a dynamic range from 80ppm to 100ppm at ambient temperature/condition. The sensor is highly sensitive, stable and has fast response time. In addition, its low cost fabrication, and portability adds to the advantage of using this sensor for real time application.

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

(21) Application No.5246/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: INDENO FUSED RING COMPOUNDS HAVING PHOTOCHROMIC PROPERTIES

(51) International :C07D311/94,C07D405/10,C07D409/04 classification

(31) Priority Document :12/928671

(32) Priority Date :16/12/2010

(33) Name of priority country

:U.S.A.

(86) International :PCT/US2011/062765 Application No

:01/12/2011 Filing Date

(87) International :WO 2012/082381 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)TRANSITIONS OPTICAL INC.

Address of Applicant :9251 Belcher Road Pinellas Park

Florida 33782 U.S.A.

(72)Name of Inventor:

1)HE Meng 2)KUMAR Anil

3)DABIDEEN Darrin R.

(57) Abstract:

The present invention relates to compounds represented by the following Formulas (I) and (II). Ring A of Formulas I and II can be for example an aryl group and Q and Q can each be independently selected from groups such as halogen OH CN amine groups amide groups carboxylic acid ester groups carboxylic acid groups alkenyl groups alkynyl groups carbonate groups sulfide groups and sulfonic acid ester groups. The present invention also relates to photochromic compositions and photochromic articles that include one or more photochromic compounds such as represented by Formula II.

No. of Pages: 120 No. of Claims: 23

(21) Application No.5247/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: AGENT FOR ALLEVIATING DELAYED HYPERSENSITIVITY

(51) International classification :A61K35/74,A23C9/12,A23C9/152

(31) Priority Document No :2010281026

(32) Priority Date :16/12/2010(33) Name of priority country :Japan

(86) International Application PCT/IP2011/07/

(86) International Application :PCT/JP2011/078986

Filing Date :15/12/2011

(87) International Publication :WO 2012/081650

No (61) Patent of Addition to NA

Application Number Filing Date :NA

(62) Divisional to Application :NA
Number :NA

Filing Date

(57) Abstract:

(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)SASHIHARA Toshihiro

2)IKEGAMI Shuji 3)TOTSUKA Mamoru 4)YOSHIDA Ayako 5)SHIMIZU Makoto

It has been demonstrated that bacterial fractions of Lactobacillus gasseri with which | humans have had dietary experience and which are therefore clearly safe for long-term intake 5 suppress delayed-type hypersensitivity reactions. Thus, the present invention provides agents containing bacterial fractions of Lactobacillus gasseri for alleviating delayed-type hypersensitivity. The present invention also provides food compositions containing bacterial fractions of Lactobacillus gasseri for alleviating delayed-type hypersensitivity. Furthermore, the present invention demonstrated that among such bacterial fractions, RNA fractions have a 10 particularly strong suppressive effect against delayed-type hypersensitivity reactions.

No. of Pages: 31 No. of Claims: 9

(21) Application No.5249/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: OLEFIN OLIGOMERIZATION CATALYSTS AND METHODS OF MAKING AND USING SAME

(51) International classification :C07C2/36,C07C9/15,C07F9/46 (71)Name of Applicant : (31) Priority Document No :12/980457 1) CHEVRON PHILLIPS CHEMICAL COMPANY LP (32) Priority Date :29/12/2010 Address of Applicant: 10001 Six Pines Drive The Woodlands (33) Name of priority country Texas 77380 U.S.A. :U.S.A. (86) International Application No :PCT/US2011/067709 (72)Name of Inventor: Filing Date 1)SYDORA Orson L :29/12/2011 (87) International Publication No: WO 2012/092415 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

This disclosure provides for a process for preparing a catalyst system comprising a) contacting a metal compound a diphosphino aminyl ligand metal complex and a metal alkyl for a time period to form a mixture; and b) aging the mixture. The disclosure also provides for olefin oligomerization process comprising: a) contacting i) a metal compound ii) a diphosphino aminyl ligand and iii) a metal alkyl to form a mixture; b) aging the mixture; c) contacting the aged mixture with an olefin monomer; and d) forming an olefin oligomer product.

No. of Pages: 124 No. of Claims: 23

(21) Application No.5194/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 11/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD AND SYSTEM FOR SENDING AN ALARM

(51) International :G08B25/01,H04L29/08,H04W4/22 classification

(31) Priority Document No :10191032.1 (32) Priority Date :12/11/2010

(33) Name of priority country: EPO

(86) International Application :PCT/EP2011/069827

:10/11/2011 Filing Date

(87) International Publication :WO 2012/062849

No

(61) Patent of Addition to :NA

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant: 1)SOFTALARM AB

Address of Applicant :c/o Dahl Klockarevgen 10A S 702 84 –

rebro Sweden

(72)Name of Inventor:

1)DAHL Per

(57) Abstract:

The present invention relates to a method for sending an alarm. The method comprises sending an alarm comprising alarm code from a first terminal unit to a second terminal unit and further providing the alarm to a third terminal unit if the third terminal unit is located within a predetermined distance from the first terminal unit wherein the second and third terminal units are determined by a first and second contact register associated with the first and second terminal units respectively. Furthermore the present invention further relates to a corresponding server computer program product and system adapted for generating and sending an alarm to terminal units.

No. of Pages: 24 No. of Claims: 15

(21) Application No.807/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : A MODIFIED PROCESS OF PURIFICATION OF PHASEOLUS VULGARIS (FRENCH BEANS) ALKALINE PHOSPHATASE BY AQUEOUS TWO PHASE EXTRACTION

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS, SECTOR-125, NOIDA-201303, UP, INDIA. Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)KIRTI RANI
(87) 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:

Alkaline phosphatases in plants play a major role in the supply and metabolism of inorganic phosphate for the maintenance of cellular metabolism. The present invention provides a modified process for the extraction of alkaline phosphatase from Phaseolus vulgaris (French beans) with potassium phosphate buffer and its purification by aqueous two phase extraction by using 31 parts of potassium hydrogen phosphate and 5 parts of polyethylene glycol (PEG). This aqueous two phase extraction method purifies 72-75% of Phaseolus vulgaris (French beans) alkaline phosphatase. Thus, this modified method increases the purity of Phaseolus vulgaris (French beans) alkaline phosphatase which is used for industrial applications such as in food & pharmaceutical, clinical, textiles, detergent and chemical industries.

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

(21) Application No.5383/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: COMPOSITION CONTAINING INSECTICIDE WAX PARTICLES

(51) International (71)Name of Applicant: :A01N25/04,A01N25/22,A01N47/22 classification 1)BAYER INTELLECTUAL PROPERTY GMBH (31) Priority Document No :10195657.1 Address of Applicant : Alfred Nobel Strasse 10 40789 (32) Priority Date :17/12/2010 Monheim Germany (33) Name of priority (72)Name of Inventor: :EPO country 1)GUTSMANN Volker (86) International 2)B-CKER Thomas :PCT/EP2011/072484 Application No 3)NENTWIG G1/4nther :12/12/2011 Filing Date 4)SONNECK Rainer (87) International 5)HACK Beate :WO 2012/080188 Publication No 6)DUFF Daniel Gordon (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number :NA

(57) Abstract:

Filing Date

The present invention relates to compositions for pest control more particularly insecticides to a method for production thereof and to the use of such formulations for long lasting control of animal pests (arthropods) on various surfaces. In addition the present invention relates to active ingredient wax particles in which at least one insecticidal active ingredient is present dispersed in wax.

No. of Pages: 36 No. of Claims: 15

(21) Application No.5384/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ELASTOMERIC COMPOSITION EXHIBITING GOOD DISPERSION OF THE FILLER IN THE ELASTOMERIC MATRIX

(51) International classification :C08J3/22,C08J3/215,C08K3/04 (71)Name of Applicant : 1)COMPAGNIE GENERALE DES ETABLISSEMENTS (31) Priority Document No :1060687 (32) Priority Date :17/12/2010 MICHELIN (33) Name of priority country Address of Applicant :12 cours Sablon F 63000 Clermont :France (86) International Application No: PCT/EP2011/072287 Ferrand France Filing Date :09/12/2011 2)MICHELIN RECHERCHE ET TECHNIQUE S.A. (87) International Publication No :WO 2012/080109 (72)Name of Inventor: (61) Patent of Addition to 1)THOMASSON Damien :NA Application Number 2)SEVIGNON Marc :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

The invention relates to a rubber composition based on at least one diene elastomer a reinforcing filler comprising at least carbon black and an inorganic filler with an amount of inorganic filler of less than or equal to 50 parts by weight per hundred parts of elastomer characterized in that the composition is obtained from a first masterbatch comprising at least one first diene elastomer and carbon black and exhibiting a dispersion of the carbon black in the elastomeric matrix having a Z score greater than or equal to 90 to which the inorganic filler and at least one second elastomer identical to or different from the first elastomer is added and also to the process for preparing such a composition.

No. of Pages: 42 No. of Claims: 58

(21) Application No.5388/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: MAGNETIC LEVITATION ASSEMBLY

(51) International classification :B60L13/04,H01F7/02,H01F7/20 (71)Name of Applicant: (31) Priority Document No :12/960336

(32) Priority Date :03/12/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/062455

No :29/11/2011 Filing Date

(87) International Publication No:WO 2012/075039

(61) Patent of Addition to :NA Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)SHAPERY Sandor Wayne

Address of Applicant: 402 West Broadway Suite 1220 San

Diego CA 92101 U.S.A. (72)Name of Inventor:

1)HUNTER Bradley

(57) Abstract:

A method and system for transportation using a magnetic bearing structure is disclosed. In one aspect there is an apparatus for carrying a load along a magnetizable structure. In one embodiment the apparatus comprises a third structure spaced apart vertically from the magnetizable structure and configured to generate magnetic flux and repel from the magnetizable structure. In one embodiment the apparatus comprises at least one coil positioned at at least one end portion proximal to the magnetizable structure. In one embodiment the apparatus comprises at least one flux guide comprising a magnetizable material and configured to concentrate magnetic flux. A first portion of the flux guide is thinner than a second portion of the flux guide that is positioned closer to the magnetizable structure than the first portion of the flux guide.

No. of Pages: 34 No. of Claims: 28

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : SYSTEM AND METHOD FOR FAILSAFE OPERATION OF AIRCRAFT GROUND MOVEMENT SYSTEM

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (34) International Application No Filing Date (35) International Publication No (36) International Publication No (37) International Publication No (38) International Publication No (39) PCT/US2011/06192 (39) PCT/US2011/06192 (20) 2012/071456 (20) International Publication No (31) Priority Date (24/11/2010 (22/11/2011 (22/11/2011 (23) WO 2012/071456 (24/11/2010 ((71)Name of Applicant: 1)BOREALIS TECHNICAL LIMITED Address of Applicant: 27 Heathway Court London England NW3 7TS U.K. (72)Name of Inventor: 1)GILLERAN Neal 2)SWEET Robert M. 3)EDELSON Jonathan 4)COX Isaiah Watas
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(57) Abstract:

A failsafe system and method for ensuring the safe operation of an aircraft with a ground movement system to drive the aircraft independently on the ground is provided. The system includes at least one aircraft nose or main drive wheel powered by an onboard wheel driver responsive to sensed aircraft and ground movement system operating parameters to continue operation in response to parameters within normal limits or to prevent continued operation if sensed parameters are outside normal limits and indicate continued operation to be unsafe. The onboard wheel driver includes a locking assembly responsive automatically or manually to signals indicating sensed parameters to lock the onboard wheel driver in an activated or an inactivated condition depending on whether operation of the ground movement system can be continued safely.

No. of Pages: 41 No. of Claims: 24

(21) Application No.5271/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: MATERIALS AND PARTS THAT CAN WITHSTAND HIGH TEMPERATURES IN AN OXIDISING MEDIUM AND METHOD FOR MANUFACTURING SAME

 $: \!\! C04B35/56, \! C04B35/58, \! C04B41/50 \bigg| \big| (71) \textbf{Name of Applicant:} \\$ (51) International classification

(31) Priority Document No :1060361

(32) Priority Date :10/12/2010 (33) Name of priority country: France

(86) International Application :PCT/FR2011/052867

No :05/12/2011

Filing Date

(87) International Publication :WO 2012/076797

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)HERAKLES

Address of Applicant: Les Cinq Chemins Rue de Touban F

33185 Le Haillan France

2)CENTRE NATIONAL DE LA RECHERCHE

SCIENTIFIQUE

(72)Name of Inventor:

1)ANDREANI Anne Sophie 2)REBILLAT Francis

3)POULON Agline 4)THEBAULT Jacques 5)SAUVEROCHE Anne

(57) Abstract:

The invention relates to a refractory material that can withstand high temperatures in an oxidising medium which contains at least: a first component which is hafnium or a non oxide compound of hafnium or a mix of at least two metals and/or compounds selected from hafnium or a non oxide compound of hafnium; a second component which is boron or a non oxide compound of boron or a mix of boron and a non oxide compound of boron; a third component which is a rare earth element (RE) or a non oxide compound of the rare earth element (RE) or a mix of the rare earth element (RE) and a non oxide compound of the rare earth element (RE) wherein RE is selected from among scandium yttrium and the lanthanides. The material does not contain any silicon or silicon compounds.

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

(21) Application No.5272/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: ADJUSTABLE FOREFOOT POSTING FOR ORTHOTIC

(51) International :A43B7/14,A43B17/00,A43B13/14 classification

(31) Priority Document No :61/425196 (32) Priority Date :20/12/2010

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

(86) International Application :PCT/US2011/065078

:15/12/2011

Filing Date :WO 2012/087733

(87) International Publication No

(61) Patent of Addition to **Application Number** :NA

(62) Divisional to Application :NA Number :NA

Filing Date

Filing Date

(71)Name of Applicant: 1)SELNER Allen Joseph

Address of Applicant: 1140 The Strand Manhattan Beach

California 90266 U.S.A. (72)Name of Inventor: 1)SELNER Allen Joseph

(57) Abstract:

An orthotic device has a readily adjustable variable forefoot posting system. In some embodiments a generally planar plate is pivotally coupled to a foot receiving shell. The plate is generally under the arch and not in contact with the supporting surface when in a neutral position. Along the plates perimeter are raised regions that can be deployed into position as a forefoot post via pivoting the plate. In some versions adjustability is via a sliding motion. Some areas have a greater height than others do and these raised areas or protrusions can be set at either an inner side or an outer side. Depending upon the shape of the ridges on the plate and the plates pivoted position a range of tilts can be variability provided. The plates can be part of an interchangeable system providing more options. Professional versions can have a greater range of settings than consumer versions.

No. of Pages: 31 No. of Claims: 26

(21) Application No.5273/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :12/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: HANDLE ASSEMBLY FOR DOUBLE WALLED DOOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:E05B3/06 :NA :NA :NA :PCT/SE2010/051437 :20/12/2010 :WO 2012/087195 :NA :NA	(71)Name of Applicant: 1)INDUSTRILS I N,,SSJ- AB Address of Applicant: Box 214 S 571 23 Nssj Sweden (72)Name of Inventor: 1)LINNSEN Adam 2)GARANCZ Emelie
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present disclosure relates to a handle assembly (100) for arrangement on a double walled door (200) comprising a first door wall (220) and a second door wall (230) and a space (210) between the two door walls. The handle assembly comprises a shaft (130) having a first and a second end and arranged for extending through the two door walls (220 230) a first handle part (110) for arrangement to the first end of the shaft (130) such that the first handle part abuts an outer side of the first door wall and a second handle part (120) for arrangement to the second end of the shaft (130) such that the second handle part abuts an outer side of the second door wall. The handle assembly (100) further comprises a distance tube through which the shaft extends the distance tube comprising a first tube part (150) and a second tube part (160). The first handle part (110) when arranged to the shaft (130) contacts the first tube part (150) such that the first tube part is pressed towards an inner side (231) of the second door wall (230). Further the second handle part (120) when arranged to the shaft (130) contacts the second tube part (160) such that the second tube part is pressed towards an inner side (221) of the first door wall (220).

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

(21) Application No.5112/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :07/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ELECTRICAL PLUG CONNECTOR HAVING AN UPSTREAM CONTACT TERMINAL

(51) International (71)Name of Applicant: :H01R13/648,H01R13/11,H01R43/16 classification 1)ROBERT BOSCH GMBH (31) Priority Document No :10 2010 063 486.7 Address of Applicant :Postfach 30 02 20 70442 Stuttgart (32) Priority Date :20/12/2010 Germany (33) Name of priority (72)Name of Inventor: :Germany country 1)SCHOENFELD Michael (86) International 2)PUETTNER Achim :PCT/EP2011/071635 Application No :02/12/2011 Filing Date (87) International :WO 2012/084458 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to :NA Application Number

(57) Abstract:

Filing Date

The invention relates to an electrical plug connector (1) having a plurality of metal contacts (5) arranged parallel to each other for electrically contacting metal contact pins (2) of a mating plug (3), wherein according to the invention a separate contact terminal (10) is arranged upstream of at least one of the contacts (5), electrically conductively contacting the at least one contact (5) and implemented for penetrating a contact pin (2).

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

:NA

(19) INDIA

(22) Date of filing of Application :29/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: HERBAL NANO SILVER USING BLACK PEPPER FOR ACNE TREATMENT

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:NA :NA	(71)Name of Applicant: 1)AMITY UNIVERSITY Address of Applicant: AMITY UNIVERSITY CAMPUS, SECTOR - 125, NOIDA-201303, UP, INDIA.
(86) International Application No Filing Date (87) International Publication No	:NA :NA :NA	(72)Name of Inventor: 1)SEEMA GARG 2)AMRISH CHANDRA
(61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:NA :NA :NA	2)AINKISH CHANDRA
Filing Date	:NA	

(57) Abstract:

The present invention provides herbal nano-silver particles stabilized by fruit of Black pepper (Piper nigrum), acting as a disinfecting (or bactericidal). The herbal formulation has ease of application and can stay all day and does not need to be cleaned up, leading to enhanced localized action on the skin. The herbal formulation is very useful in preventing skin acne problems. Since the components in the formulation are from an herbal source, it is very safe and ecofriendly and does not produce any adverse effect on the skin.

No. of Pages: 18 No. of Claims: 7

(19) INDIA

(22) Date of filing of Application :04/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: CUTTER WITH DIAMOND SENSORS FOR ACQUIRING INFORMATION RELATING TO AN EARTH BORING DRILLING TOOL

(51) International classification: E21B47/01, E21B10/54, G01V1/04 (71) Name of Applicant: (31) Priority Document No :61/418217

(32) Priority Date :30/11/2010 (33) Name of priority country :U.S.A.

(86) International Application :PCT/US2011/061024

:16/11/2011 Filing Date

(87) International Publication :WO 2012/074755 No

(61) Patent of Addition to :NA **Application Number** :NA

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

1)BAKER HUGHES INCORPORATED

Address of Applicant :P.O.Box 4740 Houston TX 77210

2)ELEMENT SIX LIMITED

(72)Name of Inventor: 1)SCOTT Dan E.

2)DIGIOVANNI Anthony A.

3)WORT Christopher John Howard

(57) Abstract:

Methods and associated tools and components related to generating and obtaining performance data during drilling operations of a subterranean formation is disclosed. Performance data may include thermal and mechanical information related to earth boring drilling tool during a drilling operation are disclosed. For example a cutter of an earth boring drilling tool may include a substrate with a cutting surface thereon. The cutter may further include at least one diamond sensor coupled with the cutting surface and a conductive pathway operably coupled with the at least one diamond sensor. The at least one diamond sensor may be configured to generate a piezoelectric signal in response to an applied stimulus.

No. of Pages: 18 No. of Claims: 17

(21) Application No.7204/DELNP/2007 A

(19) INDIA

(22) Date of filing of Application :18/09/2007 (43) Publication Date : 28/11/2014

(54) Title of the invention: WATER RESISTANT TONGUE AND GROOVE FLOORING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:14/08/2002 : NA	 (71)Name of Applicant: 1)Shaw Industries Group, Inc. Address of Applicant : of 616 Walnut Drive Dalton GA 30721 USA. (72)Name of Inventor: 1)FOWLER Gregory
	· ·PCT/US2002/025894	
Filing Date (87) International Publication No	:14/08/2002	1 \ /
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:679/DelNP/2005	
Filed on	:21/02/2005	

(57) Abstract:

The invention provides a new floor covering panel (10) and floor covering system in which the floor covering panels (10) include first and second generally planar surfaces (11, 12), first and second side edges (13, 14) containing first and second complementary coupling members (20, 22), respectively, and a barrier composition (60) selectively applied to at least a portion of at least one of the first and second coupling members (20, 22) for providing a moisture barrier to prevent water penetration below the first surface (11) of the floor covering panel (10). The barrier composition (60) may be applied to at least one of the first or second coupling members (20, 22) during the floor covering manufacturing process.

No. of Pages: 27 No. of Claims: 14

(21) Application No.5048/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: TAPERED SLOT ANTENNA

(51) International :H01Q13/00,H01P5/103,H01Q13/10 classification

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country:NA

(86) International :PCT/SE2010/051440

Application No :20/12/2010

Filing Date

(87) International Publication :WO 2012/087198 No

(61) Patent of Addition to :NA **Application Number** :NA

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

Filing Date :NA (71)Name of Applicant:

1)SAAB AB

Address of Applicant : S 581 88 Linkping Sweden

(72)Name of Inventor: 1)GEBRETNSAE Mussie 2)JENSEN Yvonne

3)STENQUIST Elisabeth

(57) Abstract:

The tapered slot antenna element according to the invention comprises a tapered slot with a narrow inner part. The tapered slot antenna element further comprises a cavity for receiving a feeding probe. An inner wall of said is provided with a layer comprising an electric conductive material and said cavity is provided with an open end. The cavity is adapted such that a feeding probe can be inserted into the cavity through the open end. The layer comprising the electric conductive material is adapted such that the coaxial field can be build up between the feeding probe and said layer of electric conductive material. Hence said layer can be a homogenous layer or a wire netting or the like as long as a coaxial field can be build up between the electric conductive layer and the feeding probe.

No. of Pages: 16 No. of Claims: 15

(21) Application No.5049/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: LAUNDRY DETERGENTS

(51) International classification :C11D1/02,C11D3/00,C11D3/37

(31) Priority Document No :PCT/CN2010/002009

:10/12/2010 (32) Priority Date (33) Name of priority country :China

(86) International Application No:PCT/CN2011/002054

Filing Date :09/12/2011 (87) International Publication No: WO 2012/075685

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1) THE PROCTER & GAMBLE COMPANY

Address of Applicant :One Procter & Gamble Plaza Cincinnati

Ohio 45202 U.S.A.

(72)Name of Inventor:

1)SONG Haiyan 2)TANG Ming

3)PANANDIKER Rajan Keshav 4)CREUTZ Serge Firmin Alain

5)LHOSTIS Jacqueline

(57) Abstract:

A laundry detergent comprises a granulated foam control composition and an anionic surfactant wherein the granulated foam control composition comprises a foam control agent an organic additive composition a water soluble particulate carrier and a charged cationic polymer. The foam control agent comprises a polydiorganosiloxane fluid a hydrophobic filler and optionally an organosilicone resin. A method of cleaning a fabric a method of conserving water when washing fabric and a method of saving time when washing fabric are also disclosed.

No. of Pages: 40 No. of Claims: 14

(19) INDIA

(22) Date of filing of Application :06/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: APPARATUSES AND METHODS FOR NEGATIVE PRESSURE WOUND THERAPY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61M1/00 :61/426432 :22/12/2010 :U.S.A. :PCT/US2011/041521 :22/06/2011 :WO 2012/087376 :NA :NA :NA	(71)Name of Applicant: 1)SMITH & NEPHEW INC. Address of Applicant:1450 Brooks Road Memphis TN 38116 U.S.A. (72)Name of Inventor: 1)ARMSTRONG Ed 2)BLACKBURN Iain Michael 3)EMMERSON Robert 4)MOSHOLDER Michael B.
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(57) Abstract:

Disclosed herein are several embodiments of a reduced pressure appliance and methods of using the same in the treatment of wounds. Some embodiments are directed to improved fluidic connectors or suction adapters for connecting to a wound site for example using softer kink free conformable suction adapters. Certain embodiments are directed to connectors used to connect fluid passage tube used in transmitting negative pressure to a fabric channel used in a suction adapter.

No. of Pages: 53 No. of Claims: 25

(21) Application No.5213/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :11/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: NOVEL MODULATORS AND METHODS OF USE

(51) International classification :A61K39/395,C07K16/22,C07K16/40

(31) Priority Document No :61/421157 (32) Priority Date :08/12/2010

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

(86) International

Application No :PCT/US2011/063831

Filing Date :07/12/2011

(87) International Publication No :WO 2012/118547

(61) Patent of Addition to Application Number Filing Date :NA

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

(71)Name of Applicant:
1)STEM CENTRX INC.

Address of Applicant :450 East Jamie Court South San

Francisco CA 94080 U.S.A. (72)Name of Inventor:
1)HAMPL Johannes
2)DYLLA Scott J.

3)FOORD Orit 4)STULL Robert A.

(57) Abstract:

Novel modulators including antibodies and derivatives thereof and methods of such modulators to treat hyperproliferative disorders are provided.

No. of Pages: 215 No. of Claims: 101

(21) Application No.5391/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: REMEDIAL COMPOSITION AND TREATMENT METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:61/459543 :14/12/2010 :U.S.A.	(71)Name of Applicant: 1)AGAPE PATENT HOLDINGS LLC Address of Applicant: 14801 Quorum Drive Suite 500 Dallas TX 75254 U.S.A. (72)Name of Inventor: 1)HILL Robert E.
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:WO 2012/082154 :NA :NA :NA :NA	2)ROSS Timothy

(57) Abstract:

A remedial composition comprising a soluble silicate a surfactant a polyol and water is disclosed. The remedial composition of the present invention is generally intended for use in the treatment of soil sand water fly ash and other mediums that may contain hazardous materials. In one embodiment of the present invention the soluble silicate of the remedial composition has a mole ratio of about 2.6 to about 3.9 moles silicate per mole of alkali metal oxide. In another embodiment of the present invention the remedial composition will have a pH level ranging from about 10.5 to about 11.9. In another embodiment the water component further comprises from about 0.5% to about 15% dissolved oxygen (0). In another embodiment of the present invention the remedial composition may be further diluted by adding water to create various solutions comprising about 1 to 300 parts water to 1 part remedial composition.

No. of Pages: 27 No. of Claims: 21

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: N HETARYLMETHYL PYRAZOLYLCARBOXAMIDES

(51) International :C07D401/12,C07D403/12,C07D405/12 classification

(31) Priority Document :10356030.6

(32) Priority Date :02/11/2010

(33) Name of priority :EPO

country

(86) International :PCT/EP2011/069206

Application No

Filing Date (87) International

:WO 2012/059497 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to :NA **Application Number** :NA

:02/11/2011

Filing Date

(71)Name of Applicant:

1)BAYER INTELLECTUAL PROPERTY GMBH

(21) Application No.4883/DELNP/2013 A

Address of Applicant : Alfred Nobel Strasse 10 40789

Monheim Germany

(72)Name of Inventor:

1)BENTING J¹/₄rgen

2)CRISTAU Pierre 3)DAHMEN Peter

4)DESBORDES Philippe

5)GARY Stphanie

6)SCHMIDT Jan Peter

7)WACHENDORFF NEUMANN Ulrike

(57) Abstract:

The present invention relates to N Hetarylmethyl pyrazolylcarboxamides derivatives or their thiocarboxamides derivatives their process of preparation their use as fungicide particularly in the form of compositions. Formula (I) and methods for the control of phytopathogenic fungi notably of plants using these compounds or compositions.

No. of Pages: 82 No. of Claims: 13

(21) Application No.4884/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: AN AIR INTAKE SYSTEM FOR AN AIR VEHICLE

(51) International classification :B64D33/02,F02C7/04,F42B10/32 (71)Name of Applicant : (31) Priority Document No :1020410.5 1)MBDA UK LIMITED (32) Priority Date :01/12/2010 Address of Applicant :Six Hills Way Stevenage Hertfordshire (33) Name of priority country SG1 2DA U.K. :U.K. (86) International Application (72)Name of Inventor: :PCT/EP2011/070752 1)RICHARDS Clifford John :23/11/2011 Filing Date (87) International Publication :WO 2012/072457 (61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A missile comprises a propulsion system a passageway for delivering air to the propulsion system and a ducting element associated with the passageway. The ducting element has a ducting surface for ducting air into the passageway and the ducting element is rotatable about an axis that is aligned or more preferably co axial with the axis of the passageway from a stowed position in which the ducting surface is received in the passageway to a deployed position in which the ducting surface protrudes from the passageway to duct air into the passageway.

No. of Pages: 16 No. of Claims: 8

(21) Application No.4885/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application :31/05/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: MARKER FOR DETERMINATION OF SENSITIVITY TO TRIPLET COMBINATION ANTI **CANCER AGENT**

(51) International :C12N15/09,A61K31/282,A61K31/513 classification

(31) Priority Document No:2010270634 (32) Priority Date :03/12/2010

(33) Name of priority :Japan country

(86) International :PCT/JP2011/077890 Application No

:02/12/2011 Filing Date

(87) International :WO 2012/074085 Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)KABUSHIKI KAISHA YAKULT HONSHA

Address of Applicant: 1 19 Higashi Shinbashi 1 chome Minato

ku Tokyo 1058660 Japan (72)Name of Inventor:

1)NISHIYAMA Masahiko

2)EGUCHI Hidetaka 3)WADA Satoru

(57) Abstract:

Provided are: a marker for determining the sensitivity to an anti cancer agent which can determine the therapeutic reactivity of individual patients; and a novel cancer therapy means which utilizes the marker. A marker for determining the sensitivity to an anti cancer agent which comprises at least one gene selected from ALAD gene C20orf43 gene CABLES1 gene CDC14B gene GDA gene HOXB6 gene RPL7AP27 gene TMEM18 gene and UGT2B10 gene and contains oxaliplatin or a salt thereof fluorouracil or a salt thereof and levofolinate or a salt thereof.

No. of Pages: 59 No. of Claims: 16

(21) Application No.5244/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 12/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: PHOTOCHROMIC COMPOUNDS AND COMPOSITIONS

(51) International

:G03C1/73,C07D311/94,C09K9/02 classification

(31) Priority Document No :12/928681 (32) Priority Date :16/12/2010 (33) Name of priority country: U.S.A.

(86) International Application :PCT/US2011/062783

photochromic compounds such as represented by Formula (I).

:01/12/2011 Filing Date

(87) International Publication :WO 2012/082383

(61) Patent of Addition to

Application Number :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date (57) Abstract:

(71)Name of Applicant:

1)TRANSITIONS OPTICAL INC.

Address of Applicant :9251 Belcher Road Pinellas Park

Florida 33782 U.S.A.

(72)Name of Inventor:

1)HE Meng

2)MONDAL Sujit

3)DABIDEEN Darrin R.

4)KUMAR Anil

5)DAI Xiao Man

The present invention relates to compounds represented by the following Formula (I). Ring A of the Formula (I) can be for example an aryl group and L is a chiral or achiral lengthening group. The compound represented by Formula (I) can be a photochromic compound. The present invention also relates to photochromic compositions and photochromic articles that include one or more

No. of Pages: 154 No. of Claims: 32

(22) Date of filing of Application :02/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: AIR COOLER FAN BLADE WITHOUT VIBRATION AND COOLER INCORPORATING THE SAME

(51) International classification	:B62K	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABHINAV CHAUHAN
(32) Priority Date	:NA	Address of Applicant :E-27, DEFENCE COLONY, NEW
(33) Name of priority country	:NA	DELHI, INDIA; 110024. Delhi India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ABHINAV CHAUHAN
(87) 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 an air cooler fan blade with zero/minimum vibration and noise and a cooler incorporating the same. The upper side of the front end of the blade forms an angle of 79 degree degrees with the perpendicular line of the shaft line of a motor. The air cooler comprises three such blades which are uniformly distributed. Through the unique structure design of the fan blade, the noise and the vibration of the motor are obviously reduced, the air friction is reduced and the motor efficiency is improved.

No. of Pages: 7 No. of Claims: 6

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VERTICAL STAIR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:18/11/2011 :WO 2012/066411 :NA :NA	(71)Name of Applicant: 1)ESPERIRE S.R.L. Address of Applicant: Torre del Colle 24 I 06031 Bevagna Italy (72)Name of Inventor: 1)BONETTI Umberto
(62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.5369/DELNP/2013 A

(57) Abstract:

Vertical stairs comprising a bearing structure 2 which is arranged between a first station A and at least one second station B and at least one board 3 which can slide by means of at least one slide 31 along at least one guide 41 comprised in a mechanical system 4 adapted to move said at least one board 3 along said guide 41. Said mechanical system 4 allows said at least one board 3 to be moved along a vertical axis Z as a function of the distribution of the weight of at least one user U on at least one portion of said at least one board 3 and as a function of the direction in which said user U wants to move along said vertical axis Z between said stations.

No. of Pages: 24 No. of Claims: 12

(19) INDIA

(22) Date of filing of Application :17/06/2013 (43) Publication Date : 28/11/2014

(21) Application No.5370/DELNP/2013 A

(54) Title of the invention: PARASITIC SIGNAL GENERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H04K3/00 :10/04940 :17/12/2010 :France :PCT/EP2011/073153 :16/12/2011 :WO 2012/080507 :NA	(71)Name of Applicant: 1)THALES Address of Applicant: 45 rue de Villiers F 92200 Neuilly Sur Seine France (72)Name of Inventor: 1)HOUIX Herv 2)BAZIN David

(57) Abstract:

THE INVENTION RELATES TO A DEVICE FOR JAMMING THE TRANSMISSIONS OF AT LEAST ONE ENEMY TELECOMMUNICATIONS NETWORK SAID DEVICE COMPRISING A MEANS FOR RECEIVING AND STORING SIGNALS IN A RECEPTION BAND BR IN A RECEPTION TIME WINDOW OF A PREDETERMINED PERIOD OF TIME D. THE DEVICE FURTHER COMPRISES A MEANS (301) FOR ANALYZING THE FREQUENCY OF SAID STORED SIGNALS AND A MEANS (302) FOR DETECTING THE FREQUENCY CHANNELS USED BY THE TELECOMMUNICATIONS NETWORKS TRANSMITTING IN THE BAND BR A MEANS (304) FOR GENERATING A JAMMING SIGNAL CAPABLE OF JAMMING THE SIGNALS ON THE DETECTED FREQUENCY CHANNELS THE DEVICE FURTHER COMPRISING A MEANS FOR ASCERTAINING THE FREQUENCY CHANNELS USED BY AT LEAST ONE FRIENDLY NETWORK (303 307) THE JAMMING SIGNAL BEING SUITABLE FOR JAMMING THE FREQUENCY CHANNELS USED BY THE ENEMY NETWORK WITHOUT JAMMING THE FREQUENCY CHANNELS USED BY THE FRIENDLY NETWORK.

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

(21) Application No.5371/DELNP/2013 A

(19) INDIA

(22) Date of filing of Application: 17/06/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: COMPOSITION BASED ON NATURAL RUBBER AND CARBON BLACK COMPRISING A HYDRAZIDE A HYDRAZONE AND A POLYAMINE

(51) International classification :C08K3/04,C08K5/25,C08K5/26 (71)Name of Applicant:

(31) Priority Document No :1060970 (32) Priority Date :21/12/2010

(33) Name of priority country :France

(86) International Application No:PCT/EP2011/073234

Filing Date :19/12/2011 (87) International Publication No: WO 2012/084821

(61) Patent of Addition to :NA Application Number :NA Filing Date

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

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)DE LANDTSHEER Stphanie 2)THOMASSON Damien

(57) Abstract:

Reinforced rubber composition based at least (a) on an elastomer matrix comprising natural rubber as majority diene elastomer (b) on a reinforcing filler comprising carbon black according to a weight fraction of more than 50% relative to the total weight of the filler and (c) on a compound belonging to the hydrazide or hydrazone families or to the amine family characterized in that the carbon black is dispersed in the elastomer matrix with a Z score greater than or equal to 80. This rubber composition is intended for example for the manufacture of a semi finished rubber product intended for a motor vehicle tyre.

No. of Pages: 51 No. of Claims: 23

CONTINUED TO PART- 2

CONTINUED FROM PART-1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.161/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention: LIKELIHOOD OF MOBILE DEVICE PORTAL TRANSITION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (22) Divisional to Application Number 	:13/196178 :02/08/2011 :U.S.A. :PCT/US2012/049221 :01/08/2012 :WO 2013/019900 :NA :NA	(71)Name of Applicant: 1)QUALCOMM INCORPORATED Address of Applicant: Attn: International IP Administrator 5775 Morehouse Drive San Diego CA 92121 U.S.A. (72)Name of Inventor: 1)SRIDHARA Vinay 2)GUPTA Rajarshi
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The subject matter disclosed herein may relate to methods, apparatuses, systems, devices, articles, or means for conditionally performing a scan responsive to a likelihood of a portal transition, etc. For certain example implementations, a method for a mobile device may comprise determining an indication of a likelihood that a position of the mobile device is transitioning from a first area identifiable by a first location context identifier to a second area identifiable by a second location context identifier via a portal linking the first area and the second area; and conditionally performing a scan for signals transmitted by one or more transmitter devices corresponding to the second area responsive to the indication of the likelihood that the position of the mobile device is transitioning to the second area via the portal. Other example implementations are described herein.

No. of Pages: 74 No. of Claims: 52

(21) Application No.171/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: A TENSION MEMBER FEEDING DEVICE

(31) Priority Document No	1 :E04C5/08,B21F23/00,E04G21/12 :NA	1)VSL INTERNATIONAL AG
(32) Priority Date	:NA	Address of Applicant :Sgestrasse 76 CH 3098 Kniz
(33) Name of priority country	:NA	SWITZERLAND.
(86) International Application No Filing Date	:PCT/EP2011/063984 :12/08/2011	(72)Name of Inventor: 1)DOMAGE Jean Baptiste 2)BOUR Denys
(87) International Publication No	:WO 2013/023682	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention concerns a tension member feeding device (101) for feeding a tension member (105) into a channel (103) in a construction element. The feeding device (101) comprises: tension member feeding means (107) and resistance detection means (109). The feeding device (101) is arranged to stop feeding of the tension member (105) once the resistance detection means (109) detects that the tension member meets a given resistance.

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

(22) Date of filing of Application :28/01/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention: VIDEO ENCODING METHOD WITH BIT DEPTH ADJUSTMENT FOR FIXED POINT CONVERSION AND APPARATUS THEREFOR AND VIDEO DECODING METHOD AND APARATUS THEREFOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H04N7/30 :61/503017 :30/06/2011 :U.S.A. :PCT/KR2012/005244 :02/07/2012 :WO 2013/002619 :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)ALSHINA Elena 2)ALSHIN Alexander
(61) Patent of Addition to Application	:NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are a video encoding method which adjusts the range of output data which has been encoded so that the bit depth can be controlled during the decoding process of encoded samples and a video decoding method which prevents overflow of output data in each step of the decoding process. The video decoding method comprises: decoding by parsing quantized conversion factors for each block in an image from a received bitstream; decoding conversion factors which are less than or equal to a first bit depth by executing an inversion quantization of the quantized conversion factors; and decoding samples which are less than or equal to a second bit depth by executing a first level quantization and inverse scaling of the conversion factors.

No. of Pages: 71 No. of Claims: 14

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: N HETERO RING SUBSTITUTED AMIDE DERIVATIVE

(51) International classification	:C07D413/12,A61K31/4245	(71)Name of Applicant :
(31) Priority Document No	:2011-166248	1)DAIICHI SANKYO COMPANY LIMITED
(32) Priority Date	:29/07/2011	Address of Applicant :3 5 1 Nihonbashi Honcho Chuo ku
(33) Name of priority country	:Japan	Tokyo 1038426 Japan
(86) International Application No	:PCT/JP2012/069098	(72)Name of Inventor:
Filing Date	:27/07/2012	1)YAMANOI Shigeo
(87) International Publication No	:WO 2013/018675	2)HATTA Madoka
(61) Patent of Addition to Application	n _{.N.A}	3)NAMIKI Hidenori
Number	:NA	4)MATSUMOTO Koji
Filing Date	.NA	5)YOSHITOMI Tomomi
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	.IVA	

(57) Abstract:

The purpose of the present invention is to provide: a compound having an excellent hypoglycemic activity and an excellent activity of protecting cells or the pancreas or a pharmaceutically acceptable salt thereof; and a pharmaceutical composition having an excellent therapeutic and/or prophylactic effect on type 1 diabetes type 2 diabetes and the like in which glucose metabolism disorders occur to induce the increase in blood glucose levels. A compound represented by general formula (I) or a pharmaceutically acceptable salt thereof.

No. of Pages: 59 No. of Claims: 8

(21) Application No.1648/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/08/2014 (43) Publication Date : 28/11/2014

:NA

:NA

(54) Title of the invention: ROTOR CORE MOTOR AND METHOD FOR MANUFACTURING MOTOR

(51) International classification :H02K1/27,H02K15/02 (71)Name of Applicant : (31) Priority Document No 1)NIDEC CORPORATION :2012-033428 (32) Priority Date Address of Applicant :338 Kuzetonoshiro cho Minami ku :17/02/2012 (33) Name of priority country Kyoto shi Kyoto 6018205 Japan :Japan (86) International Application No (72)Name of Inventor: :PCT/JP2012/072967 Filing Date 1)TANAKA Takeshi :07/09/2012 (87) International Publication No :WO 2013/121611 (61) Patent of Addition to Application :NA :NA Filing Date

(57) Abstract:

Filing Date

A rotor core wherein the magnetic body core plates that extend in the direction orthogonal to a central shaft that extends up and down comprise multiple steel plates stacked in the axial direction. Furthermore the rotor core has multiple magnetic pole parts arranged in the circumferential direction. At least some of the core plates have claw parts that protrude from the magnetic pole parts in the circumferential direction and outside connecting parts that connect the adjacent magnetic pole parts at the outside of the claw parts in the radial direction. The claw parts suppress displacement of the magnets to the outside in the radial direction due to centrifugal force. The outside connecting parts suppress deformation of the rotor core due to centrifugal force. In particular the outside connecting parts suppress displacement of the claw parts themselves due to centrifugal force. Accordingly displacement of the magnets can be further suppressed.

No. of Pages: 44 No. of Claims: 14

(62) Divisional to Application Number

(21) Application No.165/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/01/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention: METHOD AND APPARATUS FOR CODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO ACCOMPANIED WITH ARITHMETIC CODING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04N7/26 :61/502038 :28/06/2011 :U.S.A. :PCT/KR2012/005087 :27/06/2012 :WO 2013/002555 :NA :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)KIM Il koo 2)SEREGIN Vadim
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(57) Abstract:

The present invention discloses a method for decoding a video through symbol decoding. Disclosed is the method for decoding the video comprising the steps of: parsing symbols of image blocks from a bitstream which is received; performing arithmetic coding according to each arithmetic coding formula which is individually decided with respect to a prefix bit string and a suffix bit string by categorizing a current symbol into the prefix bit string and the suffix bit string with a critical value that is decided based on the size of the current block; and performing reverse binarization after the arithmetic coding according to each binarization formula which is individually decided with respect to the prefix bit string and the suffix bit string.

No. of Pages: 67 No. of Claims: 15

(21) Application No.185/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/01/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ENTROPY ENCODING USING HIERARCHICAL DATA UNIT AND METHOD AND APPARATUS FOR DECODING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04N7/26 :61/503685 :01/07/2011 :U.S.A. :PCT/KR2012/005255 :02/07/2012 :WO 2013/005968 :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)LEE Tammy 2)CHEN Jianle
(61) Patent of Addition to Application	·- ·	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are methods and apparatuses for video encoding and decoding. The video encoding method according to the present invention comprises: encoding a video on the basis of a hierarchical data unit; determining a context model to be used in entropy encoding a syntax element of the data unit on the basis of at least one additional item of information of the data unit; and entropy encoding the syntax element of the data unit using the determined context model.

No. of Pages: 67 No. of Claims: 15

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: THREE DIMENSIONAL VIDEO WITH ASYMMETRIC SPATIAL RESOLUTION

(51) International classification (31) Priority Document No	:H04N7/26,H04N7/50 :61/522559	(71)Name of Applicant: 1)QUALCOMM INCORPORATED
(32) Priority Date	:11/08/2011	Address of Applicant :5775 Morehouse Drive ATTN:
\ / J		
(33) Name of priority country	:U.S.A.	International IP Administration San Diego California 92121 1714
(86) International Application No	:PCT/US2012/045963	U.S.A.
Filing Date	:09/07/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/022540	1)CHEN Ying
(61) Patent of Addition to Application	:NA	2)ZHANG Li
Number	:NA	3)ZHANG Rong
Filing Date	.NA	4)ZHENG Yunfei
(62) Divisional to Application Number	:NA	5)KARCZEWICZ Marta
Filing Date	:NA	

(57) Abstract:

A video coding device may be configured to code a bitstream including multiple views plus depth information. Two of the views may have reduced resolutions while a third view may have a full resolution. The third view may be predicted relative to upsampled versions of the two reduced resolution views. Each view may include texture data and depth data such that a view component may include a texture component and a depth component. Moreover the texture and depth components may be arranged within an access unit according to a particular order which may simplify component extraction from the access unit.

No. of Pages: 75 No. of Claims: 52

(22) Date of filing of Application :30/01/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: SUSPENSION METHOD AND SHOCK ABSORBING DEVICE FOR AN AUTOMOBILE

(51) International classification :F16F9/49,F16F9/516,F16F9/06 (71)Name of Applicant : (31) Priority Document No :11 56289

(32) Priority Date :11/07/2011 (33) Name of priority country :France

(86) International Application No :PCT/EP2012/063030 Filing Date :04/07/2012

(87) International Publication No :WO 2013/007572

(61) Patent of Addition to :NA **Application Number** :NA Filing Date (62) Divisional to Application

:NA Number :NA Filing Date

1)MAURO BIANCHI

Address of Applicant :18 Rue de lOpra F 13100 Aix En

Provence FRANCE. (72)Name of Inventor: 1)BIANCHI Mauro

(57) Abstract:

The present invention relates to a suspension method and to a shock absorbing device for an automobile in the broadest sense of the term i.e. any vehicle having a suspension and moving under its own power. Said shock absorbing device includes a damping assembly (1) having on the inside thereof a piston (2) connected to a rod (17) the piston (2) and the rod (17) combined therewith being movable in both the compression and expansion direction about a static position inside the damping assembly (1) in order to provide a shock absorbing function the inside of the damping assembly (1) being filled with a hydraulic fluid characterized in that said assembly (1) engages with a means for varying the damping effect so as to produce: a compression phase consisting of a compression sub phase directed from the static position toward the maximum compression position of the piston (2) and of an expansion sub phase directed from said maximum compression position toward the static postion respectively and an expansion phase consisting of an expansion sub phase directed from the static position toward the position of maximum expansion of the piston (2) and of an expansion sub phase directed from said maximum position toward the static position respectively the means for varying the damping effect controlling the damping assembly such that the damping value of the compression sub phase of the compression phase and/or the expansion sub phase of the expansion phase is different from the damping value of the expansion sub phase of the compression phase and the compression sub phase of the expansion phase respectively. According to the invention provided is a step of modifying the damping value with separate values for the compression direction as well as for the expansion direction for each of the work sectors of the shock absorber depending on whether the work is being carried out between the static position of the suspension and the fully compressed position or between the static position of the suspension and the fully expanded position.

No. of Pages: 63 No. of Claims: 30

(21) Application No.275/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 12/02/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention : MOVEMENT DISORDER MONITORING SYSTEM AND METHOD FOR CONTINUOUS MONITORING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61B5/103 :13/185302 :18/07/2011 :U.S.A. :PCT/US2012/046147 :11/07/2012 :WO 2013/012625 :NA :NA :NA	(71)Name of Applicant: 1)GREAT LAKES NEUROTECHNOLOGIES INC. Address of Applicant:10055 Sweet Valley Dr. Valley View Ohio 44125 U.S.A. (72)Name of Inventor: 1)GIUFFRIDA Joseph P. 2)HELDMAN Dustin A. 3)MERA Thomas O.
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(57) Abstract:

The present invention relates to a movement disorder monitor and a method of measuring the severity of a subject s movement disorder. The present invention additionally relates to a treatment delivery system for treating a subject in response to changes in the severity of a subject s symptoms. The present invention further provides for a system and method which can accurately quantify symptoms of movement disorders utilizing continuously obtained kinetic information to be analyzed accurately distinguishing between symptoms of movement disorders and activities of daily living relating quantified symptoms to a standard clinical rating scale and correlating a subject s symptoms with certain physiological and environmental factors. The present invention still further provides for home monitoring of symptoms in subjects with these movement disorders in order to capture the complex fluctuation patterns of the disease over the course of days weeks months or years.

No. of Pages: 74 No. of Claims: 20

(22) Date of filing of Application :25/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: CATALYSTS AND METHODS FOR THE PRODUCTION OF BIODIESEL

(51) International classification	:C10G3/00.B01J27/00	(71)Name of Applicant :
(31) Priority Document No	:61/505986	1)NRG BIOFUELS INC.
(32) Priority Date	:08/07/2011	Address of Applicant :Suite 420 333 Fifth Avenue S.W.
(33) Name of priority country	:U.S.A.	Calgary Alberta T2P 3B6 Canada
(86) International Application No	:PCT/CA2012/050466	(72)Name of Inventor:
Filing Date	:09/07/2012	1)KHAN Mohammad Bilal
(87) International Publication No	:WO 2013/006968	2)MALIK Qamar Mehboob
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

In an embodiment there is disclosed a method for the production of biodiesel. The method of the embodiment comprises the step of carrying out a transesterification reaction between biomass oil and alkanol and the reaction occurs in the presence of a catalyst. In an embodiment the catalyst comprises a transition metal compound and an element selected from the group consisting of carbon nitrogen oxygen sulphur phosphorous and selenium. There are also disclosed catalysts and methods for making the catalysts. Catalysts according to selected embodiments comprise titanium dioxide and sulphur.

No. of Pages: 39 No. of Claims: 20

(22) Date of filing of Application :29/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE AND METHOD FOR REMOVING IMPURITIES FROM SHREDDED PLASTIC

(51) International classification	:B02C7/12,D21D1/30,B29B17/02	(71)Name of Applicant:
(31) Priority Document No	:10 2011 108 062.0	1)CVP CLEAN VALUE PLASTICS GMBH
(32) Priority Date	:21/07/2011	Address of Applicant :Karnapp 25 21079 Hamburg
(33) Name of priority country	:Germany	GERMANY
(86) International Application	:PCT/EP2012/002944	(72)Name of Inventor :
No	:13/07/2012	1)HOFMANN Michael
Filing Date	.13/07/2012	2)GERCKE Alexander
(87) International Publication	:WO 2013/010654	3)WERMTER Carsten
No	. 11 0 2013/01003 1	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	** ** *	

(57) Abstract:

Disclosed is a device for removing impurities from shredded plastic comprising a first cleaning disk with a first cleaning surface and a second cleaning disk with a second cleaning surface the cleaning surfaces facing each other and defining a cleaning gap therebetween. The device further comprises a driving device that allows at least one of the cleaning disks to rotate about the rotational shaft thereof and a feeding mechanism for feeding shredded plastic between the cleaning disks. The cleaning surfaces of both cleaning disks have a plurality of cleaning ribs extending between an inner edge and an outer edge of the cleaning surfaces. At least one side of the cleaning ribs is inclined or curved relative to the axial direction of the respective cleaning disk and multiple cleaning webs extending transversely to the direction in which the cleaning ribs extend are arranged between at least some adjoining cleaning ribs. The invention further relates to a corresponding method.

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

(22) Date of filing of Application :07/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: POSITIVE DISPLACEMENT PIPETTE HAVING AN IMPROVED EJECTION FUNCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01L3/02 :1158309 :19/09/2011 :France :PCT/EP2012/068294 :18/09/2012 :WO 2013/041505 :NA :NA	(71)Name of Applicant: 1)GILSON SAS Address of Applicant:19 Avenue des Entrepreneurs F 95400 Villiers le Bel France (72)Name of Inventor: 1)VOYEUX Claude 2)THEBAUD Thierry
Filing Date	:NA	

(57) Abstract:

The invention relates to a positive displacement pipette (1) including a control rod (8) the bottom end (16) of which controls the movement of a device (20) for grasping the top end (86) of a piston (82) belonging to a capillary/piston assembly (84) which is to engage with said pipette. According to the invention the pipette comprises a rod (46) for ejecting said capillary/piston assembly which is movably mounted relative to said control rod (8) such that the bottom end (54) thereof is capable of exerting an ejection force on the top end (86) of the piston (82) which is housed in the grasping device (20) upon a relative movement of the ejection rod (46) and the control rod (8).

No. of Pages: 27 No. of Claims: 14

(21) Application No.292/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 14/02/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: SEPARATOR MANUFACTURING METHOD THEREOF AND ELECTROCHEMICAL DEVICE **EMPLOYING SAME**

(51) International classification :H01M2/16,H01M10/058 (71)Name of Applicant : (31) Priority Document No :10-2011-0071799 (32) Priority Date :20/07/2011 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2012/005829 Filing Date :20/07/2012 (87) International Publication No :WO 2013/012292

(61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

1)LG CHEM LTD.

Address of Applicant :128 Yeoui daero Youngdungpo gu

Seoul 150 721 Republic of Korea

(72)Name of Inventor: 1)LEE Joo Sung 2)KIM Jong Hun

3)KIM Jin Woo

(57) Abstract:

Disclosed is a separator in which a porous coating layer is formed of a mixture of inorganic material particles and a binder polymer on the surface of a porous substrate.

No. of Pages: 30 No. of Claims: 35

(22) Date of filing of Application :01/03/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHODS AND APPARATUS FOR THE CVCS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61M15/08 :13/199012 :16/08/2011 :U.S.A. :PCT/US2012/000324 :16/07/2012 :WO 2013/025241 :NA	(71)Name of Applicant: 1)DYER Gordon Address of Applicant: 1300 N. Paso Street Hobbs NM 88240 U.S.A (72)Name of Inventor: 1)DYER Gordon
(86) International Application NoFiling Date(87) International Publication No	:PCT/US2012/000324 :16/07/2012 :WO 2013/025241	(72)Name of Inventor:
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention provides an indirect method and accompanying apparatus for supplying a high concentration of medicaments particularly antibiotics to the nasal sinuses by first loading the medicament into the cerebrospinal venous system (CVCS) via a Valsalva manuever. Because the CVCS is a valveless three dimensional closed system traditional physiological dogma such as veins always draining tissues does not always apply. Instead because in its closed system blood can flow in any direction the blood of the CVCS and any medicaments that it contains will be drawn to any portion of it where there is increased outflow such as the copious venousderived sinus fluid drainage present during nasal allergy or nasal infection. Thus the very nasal congestion that impedes the effectiveness of direct medicament application such as seen with nasal inhalers or systemic antibiotics aids in applying the medicament indirectly to the nasal sinuses via the CVCS. Additionally the present method has the benefit of delivering medicaments that unlike present treatment regimens are not limited solely to those medicaments that can be successfully absorbed from the G.I. tract. This means that in the case of antibiotics the bacteria infecting this portion of the CVCS will not be as resistant to treatment if they have not had prior exposure to this new line of antibiotics. Finally if the infection extends to the eardrums making the Valsalva maneuver painful or if the patient is simply unusually sensitive then earplugs to reduce the stress on the eardrums may be worn while the patient performs the Valsalva maneuver.

No. of Pages: 33 No. of Claims: 20

(22) Date of filing of Application :12/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR GROWING A HETEROSTRUCTURE FOR AN INFRARED PHOTODETECTOR

(51) International classification :H01L21/205,F
(31) Priority Document No :2011131881
(32) Priority Date :28/07/2011
(33) Name of priority country :Russia

(86) International Application No
Filing Date

Security Science Security Se

(87) International Publication No :WO 2013/015722

(61) Patent of Addition to Application
Number
Filing Date
:NA

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

:H01L21/205,H01L31/18 (71)Name of Applicant :

1)SVETLANA ROST JOINT STOCK COMPANY

Address of Applicant :pr. Engelsa 27 St.Petersburg 194156

Russia

(72)Name of Inventor:

1)KRASOVITSKY Dmitry Mikhailovich

2)CHALY Viktor Petrovich

3)KATSAVETS Nikolai Ivanovich 4)DUDIN Anatoly Leonidovich

(57) Abstract:

The invention relates to techniques for growing semiconductor heterostructures with multiple quantum wells by molecular beam epitaxy (MBE) and can be used for manufacturing devices based on photoreceiving matrices with sensitivity in the deep infrared range (8 12 μ m). In the method for growing an infrared photodetector heterostructure comprising a substrate and overlying semiconducting layers namely contact layers and layers forming an active region that contains a plurality of quantum wells and barriers by molecular beam epitaxy by means of heating the substrate in a vacuum and alternately feeding streams of reagents into the quantum wells and the barriers as well as a dopant (Si) into the quantum wells wherein the reagents Ga and As are fed into the quantum wells and Al Ga and As are fed into the quantum barriers Al is additionally fed into the quantum wells in an amount that provides for a 0.02 0.10 mole fraction thereof in a quantum well. During the process of the growing of the layers that form the active region the temperature of the substrate is maintained within the range of 700 750°C and the doping level of the quantum wells is maintained within the range of (2 5) x 10cm. This reduces the number of crystal defects thus increasing sensitivity (signal to noise ratio) and detectivity (the minimum detectable signal of the photodetector).

No. of Pages: 11 No. of Claims: 1

(21) Application No.389/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :03/03/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: AVALANCHE PULSER

(51) International classification: H03K3/335,G01S7/03,G01S13/88 (71) Name of Applicant:

:15/08/2012

:61/523512 (31) Priority Document No (32) Priority Date :15/08/2011

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

(86) International Application :PCT/US2012/050892

Filing Date

(87) International Publication :WO 2013/025774

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

1)NIITEK INC.

Address of Applicant :23031 Ladbrook Drive Dulles VA

20166 U.S.A.

(72)Name of Inventor:

1)BANDELL Howard M.

(57) Abstract:

Circuits and methods for generating a pulse are provided. The generating can comprise receiving at least one trigger input signal with a pulse generating circuit; generating a voltage pulse having a duration less than the avalanche time of a transistor in response to at least a portion of the at least one trigger input signal with the pulse generating circuit; transmitting the voltage pulse from the pulse generating circuit to a terminal of the transistor the transistor constructed and arranged to be operable in an avalanche mode; and outputting an avalanche pulse from at least one terminal of the transistor in response to the voltage pulse. In some embodiments the pulse can be transmitted with an antenna in a radar system and a return pulse can be received and processed.

No. of Pages: 24 No. of Claims: 66

(22) Date of filing of Application :03/03/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : CATHETER ASSEMBLY HAVING A PROTECTIVE SHEATH AND METHOD OF MANUFACTURE

(51) International classification (71)Name of Applicant: :A61M25/00 (31) Priority Document No 1)ACOTEC SCIENTIFIC CO. LTD :PD2012A000283 (32) Priority Date Address of Applicant :Bldg. No. 8 16 Hongdabei Road Beijing :27/09/2012 (33) Name of priority country Technological Devel. Center 5th floor China Beijing 100176 :Italy (86) International Application No :PCT/IB2013/058522 China Filing Date (72)Name of Inventor: :13/09/2013 (87) International Publication No :WO 2014/049482 1)SCHAFFNER Silvio (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A catheter (4) comprising a connector (8) with a guide wire channel (12) and an inflation channel (16) a shaft (20) extending from a proximal end (24) to a distal end (28) and having a guide wire lumen (32) and an inflation lumen (36) the shaft (20) being connected at its proximal end (24) to the connector (8) so that said guidewire lumen (32) and inflation lumen (36) are mechanically and fluidically connected with said guide wire channel (12) and inflation channel (16) respectively. The connection is realised in correspondence of a kink portion (44). The catheter (4) comprises a protective sheath (52) placed around an external wall (56) of the shaft (20) and extending from a first sheath end (60) axially placed at a first distance (L1) from the proximal end (24) of the shaft (20) so as to allow a direct contact and a fixing between the external wall (56) of the shaft (20) and the internal wall (64) of the kink portion (44) to a second sheath end (68) axially extending at least in correspondence of a second kink end (42) of the kink portion (44).

No. of Pages: 16 No. of Claims: 19

(21) Application No.207/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE FOR EVAPORATING VOLATILE SUBSTANCES

:NA

:NA

:NA

(51) International classification :A61L9/12,A01M1/20,B32B25/10 (71)Name of Applicant: (31) Priority Document No :11175003.0 1)ZOBELE HOLDING SPA (32) Priority Date :22/07/2011 Address of Applicant: Via Fersina 4 I 38100 Trento Italy. (33) Name of priority country :EPO (72)Name of Inventor: (86) International Application 1)MORHAIN Cedric :PCT/EP2012/064296 2)SORDO Walter :20/07/2012 Filing Date 3) DEFLORIAN Stefano (87) International Publication :WO 2013/014078 (61) Patent of Addition to :NA

Filing Date (57) Abstract :

Number

Application Number

Filing Date

(62) Divisional to Application

The invention refers to a device for evaporating volatile substances comprising: a container of a liquid volatile substance and a vapour permeable membrane (1) and a thermoplastic porous or fibrous laminate (2) bonded together. Said container is closed at its opening by said vapour permeable membrane (1) and the fibrous laminate (2) wherein the fibrous laminate (2) is welded to the thermoformed part of the container.

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

(22) Date of filing of Application :07/02/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: STICK APPLICATOR

(51) International :B05C17/00,B43M11/06,B65D47/42 classification

(31) Priority Document No :11179551.4 (32) Priority Date :31/08/2011

(33) Name of priority :EPO

country

(86) International :PCT/EP2012/066852 Application No

:30/08/2012 Filing Date

(87) International Publication: WO 2013/030270

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)SIKA TECHNOLOGY AG

(21) Application No.250/MUMNP/2014 A

Address of Applicant : Zugerstrasse 50 CH 6340 Baar

Switzerland

(72)Name of Inventor:

1)LAU Janine

2)BONNA Edmund

(57) Abstract:

(19) INDIA

Stick applicator (10 20 30 40 50) for applying a liquid stored in a hard ampoule (11 21) comprising a hollow plastic stick body (13 23 33 43 53) designed for receiving the ampoule and having a closed end and an open end the wall of which is sufficiently flexible to allow the ampoule held in the plastic stick body to be broken without using an implement and thereby let the liquid out into the interior of the plastic stick body and comprising an applicator head (15 25) which is fitted on the open end of the plastic stick body and comprises a foam felt or fibre body wherein the plastic stick body has at least in certain portions a separate sheathing layer (13b) to increase its perforation resistance to ampoule fragments and near its open end retaining means (13a 23a 23c 33c 43c 53c) for securely holding the applicator head and/or retaining means (33d) for securely holding the ampoule inside it.

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

(21) Application No.278/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: NITRIDE SEMICONDUCTOR ULTRAVIOLET LIGHT EMITTING ELEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H01S5/323, H01L29/15 :NA :NA :NA :PCT/JP2011/068165 :09/08/2011 :WO 2013/021464 :NA :NA	(71)Name of Applicant: 1)SOKO KAGAKU CO. LTD. Address of Applicant: 14th Building Meijo University 1 501 Shiogamaguchi Tempaku ku Nagoya shi Aichi 4680073 Japan (72)Name of Inventor: 1)PERNOT Cyril 2)HIRANO Akira
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

This nitride semiconductor ultraviolet light emitting element is provided with: a base structure section which includes a sapphire (0001) substrate and an AlN layer formed on the substrate; and a light emitting element structure section which includes an n type cladding layer of an n type AlGaN semiconductor layer an active layer having the AlGaN semiconductor layer and a p type cladding layer of a p type AlGaN semiconductor layer said n type cladding layer active layer and p type cladding layer being formed on the base structure section. The (0001) plane of the substrate tilts at an off angle of 0.6 3.0° and the AlN mole fraction of the n type cladding layer is 50 % or more.

No. of Pages: 36 No. of Claims: 4

(22) Date of filing of Application :04/03/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: A FILTER APPARATUS AND WATER FILTRATION SYSTEM AND METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:27/07/2012 :WO 2013/030689 :NA :NA	(71)Name of Applicant: 1)KHAMAL Naipaul Address of Applicant: 22 Bottlebrush Crescent 4092 Crossmoor (ZA) South Africa (72)Name of Inventor: 1)KHAMAL Naipaul
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a filter apparatus (10) a water filtration system and a method for operating a water filtration system. The filter apparatus typically comprises a housing (12) defining an inlet port (12.4) connectable to an outlet of a drainage system to receive sullage or grey water therefrom in use; and an outlet port (12.5) downstream from the inlet port; and a plurality of modular filter devices (20 22 24) operatively disposed in the housing (12) to filter the received sullage in use. The system conveniently comprises a plurality of apparatuses in accordance with the invention provided with inlet ports in flow communication with outlets of drainage systems (17) to receive sullage or grey water therefrom in use; and outlet ports operatively connected to storm water drainage systems.

No. of Pages: 19 No. of Claims: 21

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: REFRIGERATED MERCHANDISE DISPLAY SYSTEM

		(71)Name of Applicant :
(51) International classification	:A47F3/04,F25D23/06	1)PEPSICO INC.
(31) Priority Document No	:13/173342	Address of Applicant :700 Anderson Hill Road Purchase NY
(32) Priority Date	:30/06/2011	10577 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor:
(86) International Application No	:PCT/US2012/026698	1)JAFA Emad
Filing Date	:27/02/2012	2)RIBEIRO Antonio Jose Fernandes
(87) International Publication No	:WO 2013/002849	3)MONTERO Jose Roberto
(61) Patent of Addition to Application	:NA	4)GUTIERREZ Jose Miguel
Number	:NA :NA	5)SANTAMARIA Jose Alfonso Gonzalez
Filing Date	.NA	6)GARCIA Edith Nancy Trevi±o
(62) Divisional to Application Number	:NA	7)GUADARRAMA Rodrigo
Filing Date	:NA	8)ACERO Csar Eduardo Avenda±o
-		9)ZALETA Dimas Alberto Diaz

(57) Abstract:

A refrigerated merchandise display system (10) for storing and dispensing merchandise. The merchandise display system(10) includes an outer housing (200) an inner support (400) a transparent front door(500) a refrigeration unit(100) a front door assembly and a plurality of windows (300). The merchandise display system (10) further includes a plurality of shelves (460) for supporting merchandise within the display system. The refrigeration unit (100) may be positioned at the top of the merchandise display system and is removable. The outer housing of the refrigeration unit may be manufactured in a variety of colors. Each of the colors may be indicative a type of merchandise stored within the merchandise display system.

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

(22) Date of filing of Application :27/01/2014

(43) Publication Date: 28/11/2014

(71)Name of Applicant:

(54) Title of the invention : USE OF SALMONELLA FLAGELLIN DERIVATIVE IN PREPARATION OF DRUG FOR PREVENTING AND TREATING INFLAMMATORY BOWEL DISEASES

		(/1)rame of Applicant.
		1)SUZHOU SCISCAPE BIOMEDICINE SCIENCE &
		TECHNOLOGY CO. LTD.
(51) International classification	:A61K38/16,A61P1/04	Address of Applicant :Room 303 Building A3,Nanotech
(31) Priority Document No	:201110186065.6	Park,Xinghu Street 218 Suzhou Industrial Park Jiangsu 215021
(32) Priority Date	:05/07/2011	China
(33) Name of priority country	:China	2)INSTITUTE OF RADIATION MEDICINE ACADEMY
(86) International Application No	:PCT/CN2012/000097	OF MILITARY MEDICAL SCIENCES PEOPLES
Filing Date	:19/01/2012	LIBERATION ARMY OF CHINA
(87) International Publication No	:WO 2013/004069	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)ZHANG Chenggang
Number	:NA	2)LI Junhuai
Filing Date	.IVA	3)XU Yang
(62) Divisional to Application Number	:NA	4)WU Yonghong
Filing Date	:NA	5)LI Weiguang
		6)ZHANG Yanchun
		7)GAO Yan
		8)LI Zhihui

(57) Abstract:

Disclosed in the present invention is the use of a salmonella flagellin derivative CZLC331 protein in the development of a drug for the prevention and treatment of inflammatory bowel diseases. The invention demonstrates that salmonella flagellin derivative CZLC331 protein has a good prevention and treatment effect against inflammatory bowel disease such as ulcerative colitis and Crohn's disease and so on so the protein can be used as the active ingredient in the preparation of a drug for the prevention and treatment of inflammatory bowel diseases. The present invention can solve the problems of current drugs for treating inflammatory bowel diseases such as poor drug treatment effects taking a long time to take effect a long course of treatment and severe side effects therefore significantly relieving the pain of patients during the treatment process hastening the recovery of patients and improving their quality of life. The invention will play an important role in the prevention and treatment of inflammatory bowel diseases and inflammation at other sites and it has a wide area of application.

No. of Pages: 31 No. of Claims: 10

(21) Application No.397/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :04/03/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention: PROCESS FOR PRODUCING GRAIN ORIENTED ELECTROMAGNETIC STEEL SHEET WITH EXCELLENT CORE LOSS CHARACTERISTICS

(51) International classification: C21D8/12, C22C38/00, C22C38/60 (71) Name of Applicant:

:WO 2013/039193

(31) Priority Document No :2011-203349 (32) Priority Date :16/09/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/073608

:14/09/2012 Filing Date

(87) International Publication

No

(61) Patent of Addition to :NA **Application Number** :NA

(62) Divisional to Application :NA Number :NA

Filing Date

Filing Date

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)WATANABE Makoto

3)SENDA Kunihiro

(57) Abstract:

A process for producing a grain oriented electromagnetic steel sheet the process comprising hot rolling a steel slab that contains in terms of mass% 0.001 0.10% C 1.0 5.0% Si 0.01 0.5% Mn 0.003 0.050% sol. Al 0.0010 0.020% N and 0.005 0.040% S and/or Se cold rolling the hot rolled steel and subjecting the cold rolled steel to primary recrystallization annealing and then to finish annealing wherein in the heating in the primary recrystallization annealing the rate of heating (S1) from T1 (°C) 500+2—(NB NA) to T2 (°C) 600+2—(NB NA) is regulated to 80 °C/sec or higher and the average rate of heating (S2) from the temperature T2 to 750°C is regulated to 0.1 0.7 times the S1. Thus a grain oriented electromagnetic steel sheet which gives a product coil having reduced core loss throughout the whole length is obtained. In the expressions NA is the amount of precipitated N present after the cold rolling and NB is the amount of precipitated N present after the primary recrystallization annealing.

No. of Pages: 23 No. of Claims: 3

(21) Application No.262/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 10/02/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: ANTIVIRAL COMPOUNDS WITH A FUSED TRICYCLIC RING

(51) International :C07D403/14,C07D491/044,A61K31/4184 classification

(31) Priority Document: 1047/kol/2011

(32) Priority Date :08/08/2011

(33) Name of priority :India

country

(86) International Application No

:PCT/IB2012/054007

Filing Date

:06/08/2012

:NA

(87) International

:WO 2013/021337

Publication No

(61) Patent of Addition :NA to Application Number :NA

Filing Date

(62) Divisional to :NA **Application Number**

Filing Date

(71)Name of Applicant:

1)LUPIN LIMITED

Address of Applicant: 159 CST Road Kalina Santacruz (East)

Mumbai 400098. Maharashtra India

(72)Name of Inventor:

1)RAMDAS Vidya

2)JOSHI Advait Arun

3)WALKE Deepak Sahebrao 4)BANERJEE Moloy Manoj

5)PALLE Venkata P

6)KAMBOJ Rajender Kumar

(57) Abstract:

Compounds of the general formula I their tautomeric forms their stereoisomers their analogs their prodrugs their isotopes their N oxides their metabolites their pharmaceutically acceptable salts polymorphs solvates optical isomers clathrates co crystals combinations with suitable medicament pharmaceutical compositions containing them methods of making of the above compounds and their use as antiviral candidate more specifically as anti HCV are disclosed.

No. of Pages: 55 No. of Claims: 27

(21) Application No.277/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROXIMITY SENSOR CALIBRATION

(51) International classification	:G01S17/32,G01B11/02	(71)Name of Applicant:
(31) Priority Document No	:13/218777	1)QUALCOMM INCORPORATED
(32) Priority Date	:26/08/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego California 92121 1714 U.S.A.
(86) International Application No	:PCT/US2012/049722	(72)Name of Inventor:
Filing Date	:06/08/2012	1)SHEYNBLAT Leonid
(87) International Publication No	:WO 2013/032635	2)BAYAPUREDDY Chenna
(61) Patent of Addition to Application	:NA	3)OH Kyoung Cheol
Number	:NA	
Filing Date	.11/14	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The subject matter disclosed herein relates to proximity sensors to measure distance from a surface and more particularly calibrating proximity sensors to adjust for various reflecting surfaces.

No. of Pages: 27 No. of Claims: 40

(22) Date of filing of Application :04/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DIAZEPAM CONTAINING PREFILLED SYRINGE

	:A61M	(71)Name of Applicant :
(51) International classification	3/00,	1)AGRAWAL, PAWAN
	A61K31/00	
(31) Priority Document No	:NA	PREMCHAND NAGAR, JUDGES BUNGLOW ROAD,
(32) Priority Date	:NA	SATELLITE, AHMEDABAD-380054, GUJARAT STATE,
(33) Name of priority country	:NA	INDIA
(86) International Application No	:NA	2)AGARWAL, ZAMEER
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)AGRAWAL, PAWAN
(61) Patent of Addition to Application Number	:NA	2)AGARWAL, ZAMEER
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The embodiment of the proposed invention relates to prefilled syringe containing Diazepam whereby Diazepam is administered without pain and contamination. The present syringe being prefilled so chances of contamination, breakage, subsequent material loss and medical wastage are considerably reduced. The present syringe is prefilled with Diazepam and hence the drug is not exposed to the atmosphere prior to administration which prevents the drug from contamination. As the vials are not at all required, medical wastage considerably reduces. Also, it results in reduction of costs of vials thereby making the present invention economical.

No. of Pages: 18 No. of Claims: 3

(22) Date of filing of Application :04/03/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : APPARATUS FOR PULVERIZING DEHYDRATING AND STERILIZING BOTH LIQUID AND SOLID MATERIALS

(51) International classification :F26B17/10,B02C19/06 (71)Name of Applicant : (31) Priority Document No 1)BARBOTTO Gian Maria :RM2011A000423 (32) Priority Date :04/08/2011 Address of Applicant: Corso Mazzini 149 I.2 18038 Sanremo (33) Name of priority country (IM) Italy :Italy (86) International Application No :PCT/IB2012/053928 (72)Name of Inventor: Filing Date 1)BARBOTTO Gian Maria :01/08/2012 (87) International Publication No :WO 2013/018039 (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to an apparatus for pulverising dehydrating and sterilising both liquid and solid materials said apparatus comprising: a treatment vessel (2) for containing liquid and/or solid materials during use in which an outlet (3) is defined to allow discharge of the materials treated in the treatment vessel (2); introduction means (4 12 17) for introducing liquid and/or solid materials into the treatment vessel (2); and flow generation means (5 13) for generating at least one flow of fluid in the treatment vessel (2) said at least one flow of fluid generating a pressure of at least 3 bar in said vessel (2) and forming a vortex in which the fluid moves from the outside in said vortex during use entraining and dragging the materials introduced into the treatment vessel (2) until they implode thus causing at the same time pulverisation dehydration and sterilisation. The invention also relates to a corresponding method for pulverising dehydrating and sterilising both liquid and solid materials.

No. of Pages: 33 No. of Claims: 16

(22) Date of filing of Application :20/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VARIABLE SPEED WIND TURBINES WITH DOUBLY FED INDUCTION GENERATOR AND ANALYSIS OF DYNAMIC BEHAVIOUR THEREOF

		(71)Name of Applicant:
(51) International classification	H02J3/50, H02J3/48,	1)BHARATI VIDYAPEETH COLLEGE OF ENGINEERING
	H02J3/46	Address of Applicant :DHANAKWADI, SATARA ROAD,
(31) Priority Document No	:NA	PUNE-411038, MAHARASHTRA, INDIA.
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)BANKAR DEEPAK SHANKARRAO
(86) International Application No	:NA	2)BAPATLA RAM MOHAN VAMSEE
Filing Date	:NA	
(87) 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 control system for doubly fed induction generator is disclosed. The control system includes a rotor-side converter (RSC) control unit and a grid-side converter (GSC) control unit. The RSC control unit includes a first inner current control sub-system for regulating d-axis rotor current component and q-axis rotor current component and a first outer current control sub-system for calculating and regulating stator active power and stator reactive power. The GSC control unit includes a second inner current control sub-system for regulating d-axis grid current component and q-axis grid current component and a second outer current control sub-system for calculating and regulating reactive power exchanged between the GSC and grid. The RSC and GSC control unit thus maintain a constant power flow from the doubly fed induction generator to the grid by efficiently controlling the RSC and the GSC correspondingly.

No. of Pages: 39 No. of Claims: 5

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: TABLE CALL INSTRUCTION FOR FREQUENTLY CALLED FUNCTIONS

(51) International classification	:G06F9/30	(71)Name of Applicant :
(31) Priority Document No	:13/185644	1)QUALCOMM INCORPORATED
(32) Priority Date	:19/07/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country	:U.S.A.	5775 Morehouse Drive San Diego CA 92121 U.S.A.
(86) International Application No	:PCT/US2012/047488	(72)Name of Inventor:
Filing Date	:19/07/2012	1)PLONDKE Erich James
(87) International Publication No	:WO 2013/013100	2)CODRESCU Lucian
(61) Patent of Addition to Application	:NA	3)TABONY Charles Joseph
Number		4)INGLE Ajay Anant
Filing Date	:NA	5)VENKUMAHANTI Suresh K.
(62) Divisional to Application Number	:NA	6)MENEZES Evandro Carlos
Filing Date	:NA	

(57) Abstract:

An apparatus includes a memory that stores an instruction including an opcode and an operand. The operand specifies an immediate value or a register indicator of a register storing the immediate value. The immediate value is usable to identify a function call address. The function call address is selectable from a plurality of function call addresses.

No. of Pages: 27 No. of Claims: 23

(22) Date of filing of Application: 10/02/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: COMMUNICATION SYSTEM COMMUNICATION METHOD AND VEHICLE MOUNTED DEVICE

(51) International :G07B15/00,G06Q30/04,G06Q50/10 classification (31) Priority Document No :2011-233102 (32) Priority Date :24/10/2011 (33) Name of priority

:Japan country

(86) International :PCT/JP2012/077212 Application No

:22/10/2012 Filing Date

(87) International Publication: WO 2013/061910

(61) Patent of Addition to :NA **Application Number** Filing Date (62) Divisional to

:NA :NA **Application Number**

: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)MABUCHI Yoshihiro 2)NAKAYAMA Hiroyuki

(57) Abstract:

Filing Date

The objective of the invention is to allow for communications with a vehicle mounted device for which the supply of power from the vehicle has been stopped. A communication apparatus (200) comprises: a light emitting element (211) that outputs an optical energy to a vehicle mounted device (100); and a vehicle information receiving unit that receives vehicle information from the vehicle mounted device (100) via an antenna (212). The vehicle mounted device (100) comprises: a communication circuit that communicates with the communication apparatus (200); and a photoelectric cell (122) that converts the optical energy which is supplied from the communication apparatus (200) to a power and supplies the power to the communication circuit. The communication circuit of the vehicle mounted device (100) comprises: a vehicle information storing unit that stores the vehicle information in a nonvolatile manner; and a vehicle information transmitting unit that transmits the vehicle information stored by the vehicle information storing unit to the communication apparatus (200).

No. of Pages: 41 No. of Claims: 9

(19) INDIA

(43) Publication Date: 28/11/2014

(21) Application No.507/MUM/2013 A

(22) Date of filing of Application :21/02/2013

(54) Title of the invention: TARGETED LIPOSOMES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D207/46, C07K14/00, C07K16/00, :61/702,796 :19/09/2012 :U.S.A. :NA :NA :NA :NA	(71)Name of Applicant: 1)GEORGETOWN UNIVERSITY Address of Applicant: 37TH & O STREETS WASHINGTON, DC 20057 U.S.A (72)Name of Inventor: 1)CHANG ESTHER H. 2)KIM SANGSOO 3)RAIT ANTONINA
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(57) Abstract:

The present invention is in the field of drug delivery, and specifically, cationic liposome-based drug delivery. In embodiments, this invention provides methods of making ligand-targeted (e.g., antibody- or antibody fragment-targeted) liposomes useful for the delivery of liposomes to tumors, including brain tumors. In embodiments, the liposomes deliver temozolomide across the blood-brain barrier for treatment of primary or metastatic brain tumors. Additional cancers that can be treated with the liposomes include neuroendocrine tumors, melanoma, prostate, head and neck, ovarian, lung, liver, breast, urogenital, gastric, colorectal, cervical, liposarcoma, rhabdomyosarcoma, choriocarcinoma, pancreatic, retinoblastoma and other types of cancer. In another embodiment the liposomes deliver melphalan for the treatment of multiple myeloma, other tumors of the blood or other solid tumors. In still other embodiments the liposomes can deliver other drugs, including atropine for treatment of organophosphate poisoning.

No. of Pages: 111 No. of Claims: 20

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROCESS FOR PREPARATION OF ASENAPINE MALEATE

	· · · · · · · · · · · · · · · · · · ·	(71)Name of Applicant :
(51) International classification	C07D491/044,	1)LUPIN LIMITED
	A61P25/00	Address of Applicant :159 CST ROAD, KALINA,
(31) Priority Document No	:NA	SANTACRUZ (EAST), MUMBAI-400 098, STATE OF
(32) Priority Date	:NA	MAHARASHTRA, INDIA
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SINGH, GIRIJ, PAL
Filing Date	:NA	2)SRIVASTAVA, DHANANJAL
(87) International Publication No	: NA	3)BHADWAL, PARAMVIR
(61) Patent of Addition to Application Number	:NA	4)BHOR, MALHARI, D
Filing Date	:NA	5)JANGAM, SONARAJ, BHOLENATH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a process for the preparation of asenapine maleate. The process of the present invention involves cyclization of 3-(5-chloro-2-phenoxyphenyl)-l-methylpyrrolidine-2,4-dione (II) to give ll-chloro-2-methyl-2,3-dihydro-lH-dibenzo[2,3:6,7]oxepino[4;5-C] pyrrol-1-one (III), reduction of compound (III) to give mixture of cis-(3a, 12b)-ll-chloro-2-methyl-2,3,3a,12b-tetrahydro-lH-dibenzo[2,3:6,7]oxepino[455-C]pyrrol-l-one (IV) and trans-(3a. 12b)-ll-chloro-2-methyl-2,3,3a,12b-tetrahydro-lH-dibenzo[2,3:6,7]oxepino[4,5-C]pyrrol-l-one (V), enrichment of trans isomer (V) in the mixture by isomerization of the cis isomer (IV), separation of cis isomer (IV) and trans isomer (V), reduction of trans isomer (V) to asenapine free base (VI) and treatment of asenapine free base (VI) with maleic acid.

No. of Pages: 14 No. of Claims: 11

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD AND APPARATUS FOR IMAGE ENCODING AND DECODING USING INTRA PREDICTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:28/06/2012 :WO 2013/002586 :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)LEE Tammy 2)CHEN Jianle
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Disclosed are a method and an apparatus for image intra prediction in which predicted values are generated by planar interpolation in horizontal and vertical directions with respect to the current prediction unit. The method for image intra prediction according to the present invention comprises: generating first and second virtual pixels using at least one neighboring pixel located on the upper right side and the lower left side of the current prediction unit; acquiring the first prediction value for the current pixel by planar interpolation which uses the first pixel and a neighboring pixel on the left side located in the same row as the current pixel; acquiring the second prediction value for the current pixel by planar interpolation which uses the second pixel and a neighboring pixel on the upper side located in the same column as the current pixel; and acquiring the prediction value for the current pixel using the first prediction value and the second prediction value.

No. of Pages: 64 No. of Claims: 15

(12) THERT THE ENTROTY TO BEIGHTIC

(21) Application No.181/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: TUBE CORE FOR HUMID ENVIRONMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:B65H54/02,B65H75/02 :61/502639 :29/06/2011 :U.S.A. :PCT/US2012/044190 :26/06/2012 :WO 2013/003340 :NA :NA	(71)Name of Applicant: 1)INVISTA TECHNOLOGIES S.A R.L. Address of Applicant: Zweigniederlassumg St. Gallen Kreuzackerstrasse 9 CH 9000 St. Gallen SWITZERLAND. Switzerland (72)Name of Inventor: 1)IVARONE Charles F. 2)REID Claude
(62) Divisional to Application Number Filing Date	:NA :NA	
- 		

(57) Abstract:

The invention relates to tube cores for yarn especially elastomeric yarn such as spandex. The tube cores include a moisture barrier which provides an increase in strength for a tube core including the same amount of paper or a maintenance of strength for a tube core including a reduced amount of paper.

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

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A METHOD OF RECORDING, EDITING AND SHARING AN AGGLOMERATION OF VIDEOS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G11B27/034,H04N9/802, H04N5/76 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)AMIT KUMAR JAIN Address of Applicant:F/1402, ROYAL CLASSIC BUILDING, LOKHANDWALA, LINK ROAD, ANDHERI WEST 400053 Maharashtra India (72)Name of Inventor: 1)AMIT KUMAR JAIN
1 111118 2 4114	** 1* *	

(57) Abstract:

The present invention implements recording individual videos in one go and at the same time stringing together said individual videos wherein the viewer will reconstruct the story in his mind connecting pieces and drive the intended meaning of the story in his mind. It provides a broader scope for imagination pertaining to various aspects of the same story that is being conveyed through video. The present invention is a method of recording, editing and sharing videos comprising recording and storing a plurality of individual videos 100 using a set of slots 101 representing an embodiment of a collage of videos 102 displayed in the camera view 103 on the screen 104 of an electronic device 105, resulting in a plurality of corresponding recorded videos 106; editing said plurality of recorded videos on an individual basis or on a collective basis and creating a single resultant video 107 using said plurality of recorded videos. The present invention also implements collaborative video recording 115 wherein plurality of individual videos 100 using said set of slots 101 is performed by a primary user and at least one secondary user wherein said individual videos 100 are simultaneously recorded by the primary user and said at least one secondary user(s) and corresponding recorded videos (of the collaboration) 117 are used to make a resultant video (of the collaboration) 116 which is subsequently edited and shared.

No. of Pages: 41 No. of Claims: 21

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD AND SYSTEM FOR VIDEO PAYMENTS.

	:G06Q20/12,	(71)Name of Applicant :
(51) International classification	H04N21/254,	1)AMIT KUMAR JAIN
	H04N21/478	Address of Applicant :F/1402, ROYAL CLASSIC
(31) Priority Document No	:NA	BUILDING, LOKHANDWALA, LINK ROAD, ANDHERI
(32) Priority Date	:NA	WEST 400053 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)AMIT KUMAR JAIN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
Filing Date (62) Divisional to Application Number	:NA :NA	

(57) Abstract:

The present invention implements a video interaction module (110) for generating videos and related data in an electronic device (100) and sending these videos as requests for performing monetary transactions. The present invention makes use of a network (109) comprising a user electronic device (101) used by a user to generate monetary transaction request using said video interaction module to send an amount of money to a receiver; at least one server that receives and processes said monetary transaction requests using said authentication module (106); a receiver electronic device (107) used by said receiver to receive said amount of money specified in said monetary transaction request; and at least one data transfer runnel (105)that enables secure transfer of data within said network. The present invention also implements an authentication module (106) that collects information comprising personal information, financial information, biometric details and device information of said user and said receiver, and stores them in a related database as authentication data for authentication of said user and said receiver. Monetary transaction is authenticated if said video and related data matches said authentication data. The present invention also implements a personalization module (106) that enables personalization of videos by adding said users personal graphical stamp (103) on a video as a digital imprinting implemented as said users identification tag integrated to a videos data as visible metadata. After a successful transaction and delivery of said video and related data to a receiver, said video and related data is disabled over said network (109) by said at least one sever (108) that makes changes in said video and related datas metadata to prevent unauthorized misuse/re-use of said video for making further transactions.

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

(21) Application No.159/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : [60]FULLERENE AND ITS USE TO MAINTAIN GOOD HEALTH AND TO PROLONG THE EXPECTED LIFESPAN OF MAMMALS

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:A23L1/03,A23L1/30,A61K31/00 :TN2011/0327 :30/06/2011 :TUNISIA :PCT/TN2012/000003 :28/06/2012 :WO 2013/025180 :NA :NA	(71)Name of Applicant: 1)MOUSSA Fathi Address of Applicant: 23 rue Naceur Bey 2013 Ben Arous TUNISIA 2)ABDERRABBA Manef (72)Name of Inventor: 1)MOUSSA Fathi 2)ABDERRABBA Manef
Number	:NA :NA	

(57) Abstract:

A water insoluble fullerene is at least partially dissolved in a biocompatible lipid carrier especially a fat or an oil such as butter olive oil and liquid paraffin. When administered to mammals the fullerene most preferably [60] fullerene dissolved in olive oil scavenges free radicals and prolongs life span in rats.

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

(22) Date of filing of Application :28/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR REDUCING ACRYLAMIDE FORMATION IN MAKING OF MOLASSES

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:06/08/2012 :WO 2013/022828 :NA :NA :NA	(71)Name of Applicant: 1)FRITO LAY NORTH AMERICA INC. Address of Applicant: 7701 Legacy Drive Plano TX 75024 4099 U.S.A (72)Name of Inventor: 1)FAGAN Scott 2)GRZEDA Amanda 3)TOPOR Michael Grant
Filing Date	:NA	

(57) Abstract:

In the inventive process of the instant application asparaginase is added to the sugar cane juice during the molasses making process or the sugar refining process at a point of maximum efficiency and effectiveness for the added asparaginase. The added asparaginase reduces the acrylamide formation in molasses and sugar to a desired level while minimally affecting the quality and characteristics of the end product.

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

(21) Application No.283/MUMNP/2014 A

Address of Applicant: Via Mattei 3 I 28100 Novara NO

(71)Name of Applicant:

(72)Name of Inventor:

1)MOGNA Giovanni

1)PROBIOTICAL S.P.A.

(19) INDIA

(22) Date of filing of Application: 13/02/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: A MATERIAL IMPERMEABLE TO HUMIDITY AND OXYGEN FOR PACKAGING DIETARY PRODUCTS COSMETICS AND MEDICINAL SPECIALITIES

(51) International :B32B15/08,B32B15/20,B65D75/32 classification

:MI2011A001718 (31) Priority Document No

(32) Priority Date :23/09/2011

(33) Name of priority country: Italy

(86) International Application :PCT/IB2012/001848

No :21/09/2012 Filing Date

(87) International Publication :WO 2014/023995

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(57) Abstract:

The present invention refers to a material impermeable to water vapour and oxygen for packaging dietary products cosmetics and medicinal specialities. In particular the present invention refers to primary packaging in the form of blister packs or sachets which comes into direct contact with the formulations of medicinal specialities and dietary products and cosmetics such as for example tablets pills pessaries powders granules suppositories rigid capsules and soft capsules (also known as soft gel capsules).

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: COMMUNICATION APPARATUS AND METHOD FOR DISPLAYING MMI

	110 43 41 /60	(71) N A 11 A
(51) 7	:H04M1/60,	(71)Name of Applicant:
(51) International classification	H04M1/247,	1)MEDIATEK SINGAPORE PTE. LTD.
	H04M1/725	Address of Applicant :#03-01 SOLARIS NO. 1,
(31) Priority Document No	:201210044773.0	FUSIONOPOLIS WALK, SINGAPORE 138628 Singapore
(32) Priority Date	:23/02/2012	(72)Name of Inventor:
(33) Name of priority country	:China	1)MIN WU
(86) International Application No	:NA	2)LIANG-YEN LIN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(5-) 41		<u> </u>

(57) Abstract:

A communication apparatus and a method for providing a predetermined subscriber identification module (SIM) card are provided. The communication apparatus provides different man-machine interfaces (MMIs) according to a number of the inserted SIM cards. The communication apparatus includes a detector arranged to detect an amount of the inserted SIM cards on the communication apparatus, and a processor arranged to provide different MMIs according to the amount of inserted SIM cards.

No. of Pages: 75 No. of Claims: 26

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MECHANICAL POWERED STANDING AND COMMODE WHEELCHAIR

	:A61G5/10.	(71)Name of Applicant :
(51) International classification	A61G5/00	1)NITESH K MADHAV SHENOY
(31) Priority Document No	:NA	Address of Applicant :B 18/4, HDFC COLONY,
(32) Priority Date	:NA	CHINCHWAD, PUNE - 411019, MAHARASHTRA, INDIA
(33) Name of priority country	:NA	2)GANESH SONAWANE
(86) International Application No	:NA	3)SUSMIN SETHUMADHAVAN
Filing Date	:NA	4)SWAPNIL JAIN
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)NITESH K MADHAV SHENOY
Filing Date	:NA	2)GANESH SONAWANE
(62) Divisional to Application Number	:NA	3)SUSMIN SETHUMADHAVAN
Filing Date	:NA	4)SWAPNIL JAIN

(57) Abstract:

A mechanical powered standing and commode wheelchair for paraplegic and or physically challenged persons usable for standing and toilet purposes is disclosed that has a seat pivotably connected to a horizontal shaft positioning on a front end of a frame of the wheel chair. The seat is rotatable from a first seating position to a second standing position and vice versa about an axis of the horizontal shaft. A back rest of the chair is vertically positioned in all positions of the seat. A cut out defined in the sit assist for toile function. The cut out is pivotably rotatable about the axis of the horizontal shaft from a first toilet position to a second toilet position and vice versa. The wheel chair has at least two actuators that are opposedly positioned on the front end of the frame that facilitate the standing and toilet positions of the chair.

No. of Pages: 44 No. of Claims: 46

(19) INDIA

(22) Date of filing of Application :28/01/2014

(21) Application No.179/MUMNP/2014 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: OXYGEN ABSORBING RESIN COMPOSITION OXYGEN ABSORBING MULTILAYER LAMINATE AND OXYGEN ABSORBING HOLLOW CONTAINER

(51) International :C08L101/00,B32B27/18,B65D1/00

classification (31) Priority Document No :2011-249459

(32) Priority Date :15/11/2011 (33) Name of priority country: Japan

(86) International Application :PCT/JP2012/079544

No :14/11/2012

Filing Date

(87) International Publication :WO 2013/073590

(61) Patent of Addition to

:NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number

:NA Filing Date

(71)Name of Applicant:

1)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)MICHIBA Kiyonori

3)ITOU Yoshiki 4)NIIMI Kenichi 5)IWAI Tatsuo 6)KUBO Takashi

(57) Abstract:

There are provided an oxygen absorbing resin composition, an oxygen absorbing multilayered body, and an oxygen absorbing hollow container that can absorb oxygen in an atmosphere even under a low-humidity atmosphere. The oxygen absorbing resin composition includes: (I) an oxygen absorbing agent consisting of a metal (a metal of (I)) obtained by subjecting an alloy comprising (A) at least one transition metal selected from the group consisting of manganese, iron, platinum, and copper group metals and (B) at least one metal selected from the group consisting of aluminum, zinc, tin, lead, magnesium, and silicon, to treatment with an acidic or alkaline aqueous solution to elute and remove at least a part of the component (B); and (II) a thermoplastic resin.

No. of Pages: 78 No. of Claims: 33

(21) Application No.257/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :07/02/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention: IMPROVED PROCESS FOR PREPARING 2 [(2E) 2 FLUORO 2 (3 PIPERIDINYLIDENE)ETHYL] 1H- ISOINDOLE 1 3(2H) -DIONE

(51) International classification :C07D211/70,C07D401/04,C07F9/24

(31) Priority Document No :11183477.6

(31) Priority Document No :111834//.6 (32) Priority Date :30/09/2011 (33) Name of priority

(33) Name of priority country :EPO

(86) International PCT/EP2012/069164 Application No

Filing Date :28/09/2012

(87) International Publication No :WO 2013/045599

(61) Patent of Addition to
Application Number
Filing Date
(62) Divisional to
Application Number
:NA
:NA
:NA
:NA

(71)Name of Applicant:

1)JANSSEN PHARMACEUTICA NV

Address of Applicant: Turnhoutseweg 30 B 2340 Beerse

Belbium. Belgium (72)Name of Inventor:

1)LANG Yolande Lydia

2)DEPR‰ Dominique Paul Michel

(57) Abstract:

Filing Date

The present invention relates to an improved process for preparing 2 [(2) 2 fluoro 2 (3 piperidinylidene)ethyl] 1 isoindole 1 3(2) dione or a salt thereof which is an intermediate in the synthesis route of the antibacterial compound 7 [(3) 3 (2 amino 1 fluoroethylidene) 1 piperidinyl] 1 cyclopropyl 6 fluoro 1 4 dihydro 8 methoxy 4 oxo 3 quinolinecarboxylic acid.

No. of Pages: 39 No. of Claims: 18

(21) Application No.270/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: SHOWER USAGE MONITORING

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	:B05B12/00,G01F15/06,G06F3/00 :11179074.7 :26/08/2011 :EPO	(71)Name of Applicant: 1)UNILEVER PLC Address of Applicant: Unilever House 100 Victoria Embankment London Greater London EC4Y 0DY U.K.
(86) International Application No Filing Date	:PCT/EP2012/066269 :21/08/2012	(72)Name of Inventor : 1)BATES Susan
(87) International Publication No	:WO 2013/030046	
(61) Patent of Addition toApplication NumberFiling Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention provides a system suitable for monitoring shower usage the system comprising: (a) a programmable data logger which is positioned on the shower assembly the data logger incorporating a rumble sensor a sound sensor a temperature sensor a data store for the logging of data and switching means for triggering the operation of the sound sensor in response to initial signals of shower actuation generated by the rumble sensor and (b) a data analysis device which is adapted to analyse data transmitted or acquired from the system to provide information about shower usage; in which the duration of data logging is controllable in response to the signals received from the rumble sensor and the sound sensor respectively.

No. of Pages: 15 No. of Claims: 7

(21) Application No.286/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: VERTICALLY COMPACTABLE FLUID TRANSFER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:61/524142 :16/08/2011 :U.S.A. :PCT/US2012/051185 :16/08/2012 :WO 2013/025924 :NA :NA	(71)Name of Applicant: 1)RED LEAF RESOURCES INC. Address of Applicant: 200 West Civic Center Drive Sandy UT U.S.A. (72)Name of Inventor: 1)PATTEN James W. 2)GHORBANI Hamid 3)CHOMYN Kyle
Filing Date	:NA	

(57) Abstract:

A vertically compactable fluid transfer device (10) can include a lateral fluid transfer conduit (12) to convey a fluid transfer fluid therethrough and to be supported by particles (16) packed to a first density. Additionally the device (10) can include a riser (14) coupled to and in fluid communication with the lateral fluid transfer conduit (12). The riser (14) can be vertically compactable by at least 20% while maintaining structural integrity when the lateral fluid transfer conduit lowers as the supporting particles (16) pack to a second density which is higher than the first density.

No. of Pages: 41 No. of Claims: 22

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROCESS AND COMPOSITION FOR MANUFACTURING FURNITURE BOARDS

(32) Priority Date :NA BHAN (33) Name of priority country :NA (72)N	Address of Applicant :GANGA NAGAR, KHAT ROAD, ANDARA - 441 904 Maharashtra India Name of Inventor : MORESHWAR KASHIRAM KURZEKAR
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(57) Abstract:

The present invention provides a process of manufacturing boards/doors, the process comprising of steps: mixing cement, paper, polyester fiber and water; feeding the mixture to the mixer grinder, the grinder mixes the mixture for about 25-35 minutes to form clay; filtering the clay to remove unmixed or over size papers and other impurities; pouring the filtered clay in mold/frame and cover by cloth and then marble dust is spread thereover to remove excess water therefrom, the clay is kept in the mold/frame for over 12 to 15 hours for solidification and formation of door.

No. of Pages: 14 No. of Claims: 2

(22) Date of filing of Application :24/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR PRODUCING DRIP IRRIGATION TUBES

(51) International classification :B29C65/08,B29D23/00,A01G25/02

(31) Priority Document No :11175513.8

(32) Priority Date :27/07/2011(33) Name of priority country:EPO

(86) International :PCT/EP2012/064313

Application No Filing Date :PC1/EF201

(87) International Publication :WO 2013/014088

(61) Patent of Addition to

Application Number :NA

Application Number Filing Date :NA

(62) Divisional to
Application Number
Filing Date
:NA

(71)Name of Applicant:

1)THE MACHINES YVONAND SA

Address of Applicant : Rue de lIndustrie 5 CH 1462 Yvonand

Switzerland

(72)Name of Inventor:

1)KERTSCHER Eberhard

2)LAMBERT Cdric

3)BERSIER Romain

(57) Abstract:

In a method for producing drip irrigation tubes a body is extruded from which the tube is formed and in which metering elements (10) are attached which are connected to the body by means of ultrasonic welding. For such drip irrigation tubes the water enters the metering elements (10) from the inside of the drip irrigation tubes through inlet openings flows through the metering elements and exits the drip irrigation tubes through outlet openings in a metered manner. The body is formed into a tube body which is flattened and the metering elements (10) are placed in a center region inside said flattened tube. The flat tube body is fed between a sonotrode (6) and an anvil (7) of an ultrasonic welding device (3) and the metering elements (10) are welded to the wall of the tube body. The invention further relates to a device for performing the method.

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

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR DISSOLVING CARBON DIOXIDE WITHOUT PRESSURIZING AND COOLING

(51) International classification	:A23L2/54.B65D85/72	(71)Name of Applicant :
(31) Priority Document No	:10-2011-0100655	1)JUN Duk Jong
(32) Priority Date	:04/10/2011	Address of Applicant :(Siheung dong Southern Seoul Hill
(33) Name of priority country	:Republic of Korea	State) 211 402 165 Siheung daero Geumcheon gu Seoul 133 853
(86) International Application No	:PCT/KR2012/005995	Republic of Korea
Filing Date	:27/07/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/051780	1)JUN Duk Jong
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1171	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a method for injecting carbon dioxide to produce a carbonated drink. According to the present invention a drink composition having a temperature of 10°C to 30°C is introduced into a container and then solid or liquid carbon dioxide having a temperature of 78.5°C to 5°C is injected into the drink composition having the temperature of 10°C to 30°C and introduced into the container whereupon the container is immediately sealed. In the method for injecting carbon dioxide to produce a carbonated drink according to the present invention when the carbonated drink is produced even though carbon dioxide content is increased in a state where a large amount of the drink is contained in a container having a predetermined volume the added carbon dioxide changes little in temperature and saturated vapor pressure. As a result bubbles do not occur in the drink the drink does not overflow and the carbon dioxide does not evaporate. Also since the container is sealed in a state where the carbon dioxide has little saturated vapor pressure the drink may be filled up to the portion close to the cap for sealing so as to reduce the size of the container such as a bottle or a can as compared to the typical size of such a container.

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

(21) Application No.209/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: USE OF ESTETROL AS EMERGENCY CONTRACEPTIVE

(51) International classification :A61P15/18,A61K31/565 (71)Name of Applicant : (31) Priority Document No 1)ESTETRA S.P.R.L. :11177266.1 (32) Priority Date :11/08/2011 Address of Applicant : Rue du Travail 16 B 4460 Gree (33) Name of priority country :EPO Hollogne Belgium (86) International Application No (72)Name of Inventor: :PCT/EP2012/065572 Filing Date 1)WOUTERS Wout :09/08/2012 (87) International Publication No :WO 2013/021025 2)COELINGH BENNINK Herman Jan Tijmen (61) Patent of Addition to Application 3)PETIT Ludivine :NA Number 4)FOIDART Jean Michel :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

The present invention relates to a new use of tetrahydroxylated estrogens such as estetrol (1 3 5(10) estratrien 3 15a 16a 17 tetrol) namely in a method of emergency contraception. The method of emergency contraception according to the invention comprises the oral administration of estetrol in a single dose within 120 hours of sexual intercourse.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: VARIABLE DIAMETER CLUTCH MECHANISM FOR COMPRESSORS

:F04B27/14,	(71)Name of Applicant :
F04B35/00,	1)MAHINDRA AND MAHINDRA LIMITED
F16D27/00	Address of Applicant :R & D CENTER, AUTOMOTIVE
:NA	DIVISION, 89, M.I.D.C., SATPUR, NASHIK - 422007,
:NA	MAHARASHTRA, INDIA
:NA	(72)Name of Inventor:
:NA	1)VERMA NISHITH
:NA	
: NA	
:NA	
:NA	
:NA	
:NA	
	F04B35/00, F16D27/00 :NA :NA :NA :NA :NA :NA :NA :NA :NA

(57) Abstract:

A clutch mechanism for a compressor of a vehicle air conditioning system includes an axis shaft and a variable diameter pulley. The axis shaft derives drive from an engine and is functionally coupled to the compressor to drive the compressor. The variable diameter pulley is mounted on axis shaft and dynamically transmits drive from engine to compressor via a drive by utilizing variable pulley ratios. The variable diameter pulley includes an expandable sleeve and a radially expanding sub-system. The expandable sleeve is supported on axis shaft and supports the drive. The radially expanding sub-system is mounted on axis shaft and is co-axially disposed within the expandable sleeve. The radially expanding sub-system moves between a retracted configuration during engine idling and a radially expanded configuration during high engine speeds at which centrifugal forces acting on the radially expanding sub-system urges it towards the expandable sleeve to cause expandable sleeve to expand.

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

(21) Application No.199/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : INTELLIGENTLY IDENTIFIED CHARGING METHOD AND CHARGING DEVICE AND CONNECTOR

(51) International :H01M10/44,H02J7/00,H01R13/02 classification

(31) Priority Document No :NA (32) Priority Date :NA

(33) Name of priority country: NA

(86) International Application :PCT/CN2011/078219

Filing Date :10/08/2011

(87) International Publication :WO 2013/020281

No

(61) 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 LIKKPOWER ELECTRONICS CO. LTD.

Address of Applicant :Block A2 Ditang Industrial Area Agricultural Company Ditang Rd ShaJing BaoAn District

Shenzhen Guangdong 518000 China (72)Name of Inventor:

1)LEI Canhuo

(57) Abstract:

An intelligently identified charging method and charging device and a connector. The charging method includes the following steps: monitoring a voltage signal at a detection pin (21) of a connector (20); generating a first voltage control signal according to the voltage signal at the detection pin (21); and adjusting an output voltage according to the first voltage control signal and outputting same via a first charging pin (22) of the connector (20). The method can charge different electronic devices. The method is also compatible with USB interface connections for charging electronic devices connected for charging with USB connectors.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: AN ANALYTICAL CONCEPT FOR CURRENT MEASUREMENT IN SHORT-CIRCUIT TESTING

(51) International classification(31) Priority Document No	:G01R35/00, G01R31/02 :NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant:LARSEN & TOUBRO LIMITED L&T
(32) Priority Date	:NA	HOUSE, BALLARD ESTATE, P.O. BOX: 278, MUMBAI
(33) Name of priority country	:NA	400001, INDIA Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PUSHKAR ARVIND PHADKE
(87) International Publication No	: NA	2)REENA RUPNARAYAN DUBE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a test circuit for testing short-circuit current in a electric device. The test circuit having a a plurality of resistor R, a plurality of reactor X, a closing device A, a plurality of sensing devices and a fusible element. The plurality of resistor R and the plurality of reactor X are connected between the electric device and a supply source S. The closing device A is connected to the electric device. The plurality of sensing devices connected to the electric device. The fusible element F is connected with the device and the supply source for detecting fault current and earthing.

No. of Pages: 18 No. of Claims: 3

(21) Application No.527/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: AN INTERLOCKING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	H01H9/26 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED Address of Applicant: LARSEN & TOUBRO LIMITED L&T HOUSE, BALLARD ESTATE, MUMBAI 400 001, INDIA Maharashtra India (72)Name of Inventor: 1)DEEPAK M OCHANI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An interlocking system for interlocking circuit breakers of a set of three circuit breakers includes an actuation sub-system corresponding to each circuit breaker. The actuation sub-system is functionally coupled to the remaining actuation subsystems, wherein each actuation sub-system regulates a corresponding circuit breaker based on actuation statuses of the remaining actuation systems. Each actuation sub-system includes an actuation switch and a block arrangement. The actuation switch is displaceable between an ON configuration and an OFF configuration for defining actuation status of a corresponding actuation subsystem. The block arrangement is functionally coupled to the actuation switch of the actuation sub-system, at least one actuation switch corresponding to any of the remaining actuation sub-systems and a circuit breaker corresponding to the actuation sub-system. The block arrangement regulates tripping of the circuit breaker based on actuation status of the actuation sub-system and actuation statuses of the remaining actuation sub-systems.

No. of Pages: 31 No. of Claims: 5

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A TRACTOR-OPERATED GROUNDNUT DIGGER MACHINE

	:A01D31/00,	(71)Name of Applicant:
(51) International classification	A01D21/00,	1)TILWA SANJAY KUMAR DHIRUBHAI
	A01D29/00A01D13/00	Address of Applicant :PANCHVILA APARTMENT, BLOCK
(31) Priority Document No	:NA	NO. 301, NANA MAHUVA ROAD, SATYAM PARK,
(32) Priority Date	:NA	OPPOSITE TO AALAY PARK, RAJKOT, GUJARAT - 360002,
(33) Name of priority country	:NA	INDIA Gujarat India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)TILWA SANJAY KUMAR DHIRUBHAI
(87) International Publication No	: NA	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.1121	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A tractor-operated groundnut digger machine comprises: an operatively proximally located telescopic propeller shaft adapted to couple with a tractor propeller shaft for receiving drive; at least a pair of digger blades arranged in a manner such that they form a V-shaped configuration in order to dig said groundnuts from soil by uprooting plants, said blades starting from a lateral position with respect to said machine at its operative proximal end; an endless chain conveyor adapted to receive uprooted plants from said blades, said conveyor adapted to vibrate in order to cleaned said uprooted plants by vibrations; slats adapted to arrange said uprooted or dug groundnut in a row, said slats being located at an operative distal end; and laterally disposed wheels adapted to support said machine.

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

(19) INDIA

(22) Date of filing of Application :30/01/2014

(21) Application No.194/MUMNP/2014 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: IDENTIFIER GENERATION FOR VISUAL BEACON

(51) International :G01C21/00,G01C21/20,G06K19/06 classification

(31) Priority Document No :13/219350 :26/08/2011 (32) Priority Date (33) Name of priority :U.S.A.

country

(86) International :PCT/US2012/050784

Application No :14/08/2012 Filing Date

(87) International Publication: WO 2013/032690

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)QUALCOMM INCORPORATED

Address of Applicant : Attn: International IP Administration 5775 Morehouse Drive San Diego California 92121 1714 U.S.A.

(72)Name of Inventor:

1)DO Ju Yong

(57) Abstract:

A visual beacon, such as a Quick Response (QR) code or other type of artificial visual beacon is identified based on a coarse position and content information, and optionally, type of the visual beacon. For example, position may be based on latitude and longitude, e.g., from a satellite positioning system, or the CellID from a cellular network. The content information may be based on a sampling of the content before or after decoding. Content information may alternatively be all of the decoded content or an image of the visual beacon. Thus, for example, a mobile platform may generate a visual beacon identifier using the position and content information, which is transmitted to a navigation assistance server. The server can access and transmit to the mobile platform a navigation assistance message associated with the visual beacon identifier. If no visual beacon identifier is found, the server may enter the information.

No. of Pages: 40 No. of Claims: 50

(21) Application No.203/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : PROVIDING WIRELESS TRANSMITTER ALMANAC INFORMATION TO MOBILE DEVICE BASED ON EXPECTED ROUTE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:02/08/2012 :WO 2013/022707 :NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant :Attn: International IP Administrator 5775 Morehouse Drive San Diego California 92121 U.S.A (72)Name of Inventor: 1)MOEGLEIN Mark 2)ZHANG Gengsheng 3)DO Ju Yong
- 1 000000		

(57) Abstract:

Examples disclosed herein may relate to determining an expected route of a mobile device based at least in part on information generated by a navigation application hosted by the mobile device. Examples disclosed herein may further relate to determining a subset of wireless transmitters from a plurality of wireless transmitters based at least in part on the expected route of the mobile device.

No. of Pages: 70 No. of Claims: 69

(19) INDIA

(22) Date of filing of Application :13/02/2014

(21) Application No.287/MUMNP/2014 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: COLLAPSIBLE CARTON

(51) International classification	:B65D21/08,B65D5/00	(71)Name of Applicant :
(31) Priority Document No	:13/218541	1)LINCOLN GLOBAL INC
(32) Priority Date	:26/08/2011	Address of Applicant :17721 Railroad St. City of Industry CA
(33) Name of priority country	:U.S.A.	91748 U.S.A.
(86) International Application No	:PCT/IB2012/001643	(72)Name of Inventor:
Filing Date	:27/08/2012	1)WEISSBROD Paul A.
(87) International Publication No	:WO 2013/030647	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.11/1	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

An end loaded collapsible carton (10 110) is provided and includes a first pair of side walls (19 19 120 122) extending substantially perpendicularly from a second pair of side walls (19 19 19 120 122). The first and second pair of side walls (19 19 19 120 122) form a first end opening (150) and a second end opening (152) opposite the first end opening (150). The carton (10 110) further in cludes a first carton closure extending from the first and second carton walls (19 19 19 120 122) for covering the first end opening (150) and a second carton closure extending at an opposite end of the first and second carton walls (19 19 19 120 122) for covering the second end opening (152). The first carton closure is formed from a first plurality of lid panels (23) and the second carton closure is formed from a second plurality of lid panels (23). The carton (10 110) further in cludes scores (31 31 31 130 132) for creating pleats (26) fashioned in the car ton side walls (19 19 19 120 122) and lid panels (23) for collapsing the side walls (19 19 19 120 122) and lid panels (23) in a uniform manner.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TOPICAL SPRAY FORMULATION COMPRISING ACECLOFENAC

		(71)Name of Applicant:
(51) International classification	A61K38/10, A61K38/20,	
	A61P17	VADODARA-MUMBAI NH8, VARNAMA, VADODARA-
(31) Priority Document No	:NA	391420, GUJARAT, INDIA.
(32) Priority Date	:NA	2)ABHIJIT DAVE
(33) Name of priority country	:NA	3)DR. SHYAM SUNDAR PANCHOLI
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MILIND MADHAV THOSAR
(87) International Publication No	: NA	2)ABHIJIT DAVE
(61) Patent of Addition to Application Number	:NA	3)DR. SHYAM SUNDAR PANCHOLI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention provides a sprayable pharmaceutical formulation for topical delivery comprising aceclofenac. one or more humactant, one or more dermal penetration enhancers, one or more counter irritants, one or more cooling agent, a pharmaceutical!)-acceptable non aqueous volatile organic solvent, a fixed oil. Sprayable formulations in present invention can be delivered through pump spray device and aerosol device having hydrocarbon propellants.

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

(21) Application No.274/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :11/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : LOCK FOR A VEHICLE DOOR WITH A SPRING PLATE IN THE INLET REGION OF THE LOCKING BOLT

(51) International classification :E05B17/00,E05B65/12,E05B9/02 (71)Name of Applicant : (31) Priority Document No 1)KIEKERT AG :10 2011 107 877.4 (32) Priority Date :18/07/2011 Address of Applicant : Hseler Platz 2 42579 Heiligenhaus (33) Name of priority country Germany :Germany (86) International Application (72)Name of Inventor: :PCT/DE2012/000688 1)GRAUTE Ludger :10/07/2012 Filing Date 2)INAN -mer (87) International Publication 3)WEICHSEL Ulrich :WO 2013/010526 No (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

:NA

:NA

A lock is provided especially for a door (2) or flap of a motor vehicle. Said lock has a lock housing (3) and a locking mechanism having a rotary latch (4) and a pawl wherein the rotary latch (4) is arranged pivotably about an axis (22) and interacts with a locking bow (9) which is assigned to the bodywork (8) during the opening and closing of the door (2). At least one spring plate (15) which is oriented substantially parallel to the rotary latch (4) and surrounds the locking bow (9) in the locking position of the lock is arranged in the lock inlet region of the lock housing (3).

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

(21) Application No.488/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : SPRING BRAKE ACTUATOR WITH A CAGING BOLT BEARING JOINNING A PRESSURE PLATE AND ACTUATOR TUBE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	B60T17/08 :13/422,355	(71)Name of Applicant: 1)HALDEX BRAKE PRODUCTS CORPORATION Address of Applicant: 10930 NORTH POMONA AVENUE, KANSAS CITY, MISSOURI 64153, U.S.A. (72)Name of Inventor: 1)BRADFORD, AARON C. 2)FISHER, ALBERT D.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A pneumatic brake actuator has a housing and a divider that divides the housing into a spring chamber containing a spring and a pressure chamber. The divider has an opening that receives an end of an actuator tube. A bearing that is positioned within the opening in the divider is joined to both the divider and the actuator tube. A caging bolt has a first end positioned within the actuator tube and extends from the first end through openings in the bearing and housing to a second end positioned outside of the housing. The connection between the bearing, divider and actuator tube contains the spring within the housing in the event that the housing and/or divider fails. The divider can be a piston or a diaphragm and pressure plate. The bearing can be joined to either of the divider and actuator tube with threads and/or by welding.

No. of Pages: 29 No. of Claims: 18

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A NOVEL PROCESS FOR SYNTHESIS OF RILPIVIRINE HYDROCHLORIDE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C07D239/48 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)LUPIN LIMITED Address of Applicant:159 CST ROAD, KALINA, SANTACRUZ (EAST), MUMBAI-400 098, STATE OF MAHARASHTRA, INDIA (72)Name of Inventor: 1)MANE, NARENDRA, DATTATRAY 2)SAINI, MANMEET, BRIJKISHORE 3)DESHMUKH, AMOL, SHAHURAO 4)MEHARE, KISHOR, GULABRAO 5)GODBOLE, HIMANSHU, MADHAV 6)SINGH, GIRIJ, PAL
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(57) Abstract:

Disclosed herein is an improved, commercially viable and industrially advantageous process for the preparation of Rilpivirine or a pharmaceutically acceptable salt. The present invention also provides an improved process for the preparation of Rilpivirine intermediate.

No. of Pages: 18 No. of Claims: 8

(19) INDIA

(22) Date of filing of Application :13/05/2014 (43) Pu

(21) Application No.889/MUMNP/2014 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: WIND TURBINE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:01/11/2012 :WO 2013/073385 :NA :NA :NA	(71)Name of Applicant: 1)NIDEC CORPORATION Address of Applicant: 338 Kuzetonoshiro cho Minami ku Kyoto shi Kyoto 6018205 Japan (72)Name of Inventor: 1)MIZUIKE Kosuke
Filing Date	:NA	

(57) Abstract:

A wind turbine device is provided with: a blade wheel shaft extending in the front rear direction; a blade wheel section provided at the front end of the blade wheel shaft and having blades; a body section having a generator for generating electric power by the rotation of the blade wheel shaft; a body support section for supporting the body section so that the body section can rotate about a vertically extending support axis; and a tail wing disposed behind the body section and capable of pivoting to the left and right relative to the body section. The support axis is disposed so as to be separated from the shaft axis of the blade wheel shaft in a support axis separation direction oriented to the left or the right when viewed from the front. When there is no wind the tail wing is tilted in the support axis separation direction from the direction which extends from the body section toward the rear so as to be parallel to the shaft axis and when there is a strong wind the tail wing is tilted greater than in the case when there is no wind the tilting being in the direction opposite the support axis separation direction from the direction which extends from the body section toward the rear so as to be parallel to the shaft axis.

No. of Pages: 36 No. of Claims: 9

(22) Date of filing of Application :04/03/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention : BASE STATION DEVICE TERMINAL DEVICE RESOURCE ALLOCATION METHOD AND RESPONSE SIGNAL TRANSMISSION METHOD

(51) International :H04W28/04,H04W72/04,H04W72/12

classification .1104 w 28/04,1104 w 72/04,1104 w 72/

(31) Priority Document No :2012-172221 (32) Priority Date :02/08/2012 (33) Name of priority

country :Japan

(86) International Application No :PCT/JP2013/004001

Filing Date :26/06/2013

(87) International Publication No :WO 2014/020822

(61) Patent of Addition to Application Number :NA Filing Date :NA

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

(71)Name of Applicant:

1)PANASONIC INTELLECTUAL PROPERTY

CORPORATION OF AMERICA

Address of Applicant :20000 MARINER AVENUE, SUITE

200, TORRANCE CA 90503, USA.

(72)Name of Inventor: 1)TAKEDA Kazuki 2)HORIUCHI Avako

3)OIZUMI Toru

(57) Abstract:

A base station device with which uplink resource usage efficiency can be improved even when downlink data is allocated using an ePDCCH for a plurality of CCs. In this device a control unit (150) generates for at least a secondary CC an indicator that indicates a response signal resource to be used for transmission of response signals in response to the downlink data of the plurality of CCs and a transmission unit (160) transmits control information including the indicator. In a terminal if control information is received on an individual secondary CC or on two or more CCs from among the plurality of CCs the response signal resource is determined on the basis of the indicator of the secondary CC. The control unit (150) designates as the response signal resource in the indicator of the secondary CC either a first resource for transmitting the response signal in response to the downlink data transmitted by an individual CC only or a second resource for transmitting a plurality of response signals in response to the downlink data transmitted by each of a plurality of CCs.

No. of Pages: 70 No. of Claims: 11

(21) Application No.506/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :21/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FILTER DEVICE.

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:09/03/2012 :Germany :NA :NA : NA	(71)Name of Applicant: 1)MANN+HUMMEL GMBH Address of Applicant:HINDENBURGSTR. 45, 71638 LUDWIGSBURG, GERMANY (72)Name of Inventor: 1)KLEMENS DWORATZEK 2)DANIELA ZINIC
11		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The filter device (1) for filtering a fluid (33), comprising an opening (14) for draining the fluid (33), a first counter thread (13), a closure element (12), which for a fluid-tight closure of the opening (14) can be screwed in with a thread (11) thereof into the first counter thread (13), a second counter thread (17) into which a connecting element (21) with a thread (22) thereof is screwable for simultaneously unscrewing the closure element (12) from the first counter thread (13) and thereby releasing the opening (14) for draining the fluid (33),

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

(21) Application No.284/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: STRAINS OF LACTIC ACID BACTERIA AND/OR BIFIDOBACTERIA INHIBITING/REDUCING THE GROWTH OF DIFFERENT BIOTYPES OF E. COLI AND DIFFERENT BIOTYPES OF CLOSTRIDIA

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication 	:C12N1/20,A61K35/74,A23L1/30 :RM2011A000475 :09/09/2011 :Italy :PCT/IB2012/001745 :10/09/2012 :WO 2013/034975	(71)Name of Applicant: 1)PROBIOTICAL S.P.A. Address of Applicant: Via Mattei 3 I 28100 Novara NO ITALY. (72)Name of Inventor: 1)MOGNA Giovanni
No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA :NA	

(57) Abstract:

The present invention refers to strains of lactic bacteria and/or bifidobacteria having activity of inhibiting/reducing the growth of different biotypes of including O157:7 and different biotypes of clostridia including and Furthermore the present invention refers to a pharmaceutical or dietary composition or a supplement or a medical device comprising at least one of the said strains of bacteria optionally in combination with acetylcysteine and/or microencapsulated gastroprotected lysozyme and/or acetylcysteine with microencapsulated gastroprotected lysozyme.

No. of Pages: 32 No. of Claims: 12

(21) Application No.168/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD FOR TREATMENT OF PAIN AND INFLAMMATION

(51) International classification :A61K9/107,A61K31/196,A61P29/00

(31) Priority Document No :2156/MUM/2011

(32) Priority Date :28/07/2011 (33) Name of priority

country :India

(86) International :PCT/IN2012/000016

Application No
Filing Date

1.1C1/1N201
:05/01/2012

(87) International

Publication No :WO 2013/014680

(61) Patent of Addition to Application Number :NA Filing Date :NA

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

(71)Name of Applicant:

1)CADILA HEALTHCARE LIMITED

Address of Applicant : Zydus Tower Satellite Cross Road

Ahmedabad 380015 Gujarat India

(72)Name of Inventor:1)MITTAL Ravindra2)ROY Sunilendu Bhushan3)KOTHARI Jay Shantilal

4)SHEIKH Shafiq

(57) Abstract:

The present invention relates to a method for the treatment of pain and inflammation. In particular the present invention relates to a method for the treatment of musculo skeletal and connective tissue pain/inflammations. Further the invention relates to reducing the incidence and severity of adverse events resulting from administration of diclofenac. The method comprises administration of a novel and stable pharmaceutical composition of diclofenac or its salts.

No. of Pages: 35 No. of Claims: 19

(21) Application No.401/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/03/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention : FLAME RETARDANT FOR FILTER SYSTEMS AND METHOD FOR IMPROVING FLAME RESISTANCE IN FILTER SYSTEMS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01D39/06 :NA :NA :NA :NA :PCT/EP2011/004501 :07/09/2011 :WO 2013/034164 :NA :NA :NA	(71)Name of Applicant: 1)KOMPOFERM GMBH Address of Applicant: Max Planck Strae 15 33428 Marienfeld Germany (72)Name of Inventor: 1)HALSTENBERG Jrg
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(57) Abstract:

In a method for improving flame resistance in filter systems an air flow charged with a flammable aerosol is fed to a filter. The filter prevents a least a substantial portion of the aerosol from reaching the air flow. A granular flame retardant is fed to the air flow being fed to the filter. The flame retardant has porous mineral granules as an essential component.

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

(43) Publication Date: 28/11/2014

(21) Application No.288/MUMNP/2014 A

(22) Date of filing of Application :13/02/2014

(54) Title of the invention: HIGHLY SOLUBLE STEVIA SWEETENER

(57) Abstract:

(19) INDIA

A method for making highly soluble Stevia sweetener compositions is described. The resulting sweetener compositions readily provide high concentration solutions and also possess superior taste qualities. The compositions can be used as sweeteners sweetness enhancers and flavor enhancers in foods beverages cosmetics and pharmaceuticals.

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

(22) Date of filing of Application :05/03/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEPOLYMERISATION OF POLYSACCHARIDES AND RELATED PRODUCTS

(51) International classification(31) Priority Document No(32) Priority Date(33) Name of priority country	1 :C08B11/12,C08B37/00,C08J3/28 :VA2011A000028 :03/10/2011 :Italy	(71)Name of Applicant: 1)LAMBERTI SPA Address of Applicant: Ufficio Brevetti via Piave 18 I 21041 Albizzate (VA) Italy
(86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:PCT/EP2012/069163 :28/09/2012 :WO 2013/050300 :NA :NA	(72)Name of Inventor: 1)MACCHI Roberto 2)CASIRAGHI Angelo 3)NORCINI Gabriele 4)TENCONI Mauro 5)FLORIDI Giovanni 6)LI BASSI Giuseppe 7)MENEGUZZO Enzo

(57) Abstract:

Procedure for depolymerising polysaccharides using UV vis light irradiation catalyzed by a radical photoinitiator. The polysaccharides obtained with the procedure of the invention have a average number molecular weight comprised between 5 000 and 500 000 and when dissolved in water give solutions with high concentrations and low viscosity.

No. of Pages: 29 No. of Claims: 11

(22) Date of filing of Application :21/02/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : MOLDED CASE CIRCUIT BREAKER INCORPORATING BRAIDLESS MOVABLE CONTACT ARM WITH FLIP ACTION

(51) International classification	H01H1/00,	(71)Name of Applicant: 1)LARSEN & TOUBRO LIMITED
(31) memanonal classification	H01H1/02, H01H1/58	Address of Applicant :L&T HOUSE, BALLARD ESTATE, MUMBAI 400 001, STATE OF MAHARASHTRA, INDIA
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)VELAGALETI, BHARGAV
(33) Name of priority country	:NA	2)SABARIGIRI, M
(86) International Application No	:NA	3)VARUNKUMAR, D
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a molded case circuit breaker device having flip action, the device comprising a braidless movable contact arm; a pair of stationary component; a rotor component operatively connected with the braidless movable contact arm, a pair of braidless springs assembled in-between the pair of stationary component to ensure electrical connection between the braidless movable contact arm and stationary component and a contact spring assembly assembled in-between the stationary component and the braidless movable contact arm. The rotor and the stationary component is having a pre determined distance in-between them such that there is sufficient contact spring force to overcome the constriction force between the braidless movable contact and the stationary component at very high fault currents ensuring proper electrical connection between them.

No. of Pages: 15 No. of Claims: 8

(21) Application No.163/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :24/01/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: PHARMACEUTICAL COMPOSITIONS COMPRISING RIFAXIMIN PROCESSES FOR THEIR PREPARATION AND THEIR USE IN THE TREATMENT OF VAGINAL INFECTIONS

(51) International classification :A61K9/00,A61K9/02,A61K9/20 (71)Name of Applicant:

(31) Priority Document No :BO2011A000461 (32) Priority Date :29/07/2011

(33) Name of priority country

:Italy

(86) International Application :PCT/IB2012/001438

:26/07/2012 Filing Date

(87) International Publication No:WO 2013/017928

(61) Patent of Addition to ·NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA

Number :NA Filing Date

1)ALFA WASSERMANN S.P.A.

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(72)Name of Inventor:

1)VISCOMI Giuseppe Claudio

2)MAFFEI Paola 3)LAURO Vittoria 4)CALANNI Fiorella 5)VITALI Beatrice 6)CRUCIANI Federica

(57) Abstract:

The invention relates generally to pharmaceutical compositions comprising rifaximin effective at treating vaginal infections and in particular bacterial vaginosis. The pharmaceutical compositions comprising rifaximin granules are characterized in that they release rifaximin in the vagina in a controlled way. The present invention also relates to processes for preparation of the rifaximin pharmaceutical compositions and their use in the treatment of vaginal infections. Effective dosages and courses of treatment useful and effective at recovering from the disease and preventing any possible relapse are also provided.

No. of Pages: 78 No. of Claims: 18

(21) Application No.273/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 11/02/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: COSMETIC DEVICE USING HIGH FREQUENCY WAVES

(51) International classification :A61N1/06,A61N1/30,A61M5/46 (71)Name of Applicant:

(31) Priority Document No :10-2011-0085809 (32) Priority Date :26/08/2011

(33) Name of priority country :Republic of Korea (86) International Application :PCT/KR2012/002466

:02/04/2012 Filing Date

(87) International Publication :WO 2013/032094

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

1)AMOREPACIFIC CORPORATION

Address of Applicant: 181 2 ga Hangang ro Yongsan gu Seoul

140 777 SOUTH KOREA. Republic of Korea

(72)Name of Inventor:

1)KIM Hyuk 2)KOH Hyun Ju 3)PARK Sun Young 4)PARK Won Seok

5)LEE Dong Chae

(57) Abstract:

The present invention relates to a cosmetic device using high frequency waves for injecting pharmaceutical cosmetic compositions wherein the device comprises: a transmitting unit for high frequency waves which transmits high frequency waves supplied from an external high frequency wave generating source; and an injection unit for pharmaceutical cosmetic compositions which applies the high frequency waves to a user and injects pharmaceutical cosmetic compositions into the user. The transmitting unit for high frequency waves and the injection unit for pharmaceutical cosmetic compositions are mechanically removable. According to the present invention the injection unit for pharmaceutical cosmetic compositions and the transmitting unit for high frequency waves are separable to increase operating convenience and the depth of the insertion of a needle can be quantitatively known. Further damage to blood vessels can be minimized during a tunneling process using a needle.

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

(21) Application No.487/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :14/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CEILING FAN MOTOR AND CEILING FAN

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H01R43/00, H02K7/14 :2012- 031139 :15/02/2012 :Japan :NA :NA :NA :NA	(71)Name of Applicant: 1)NIDEC CORPORATION Address of Applicant:338 KUZETONOSHIRO-CHO, MINAMI-KU, KYOTO 601-8205 JAPAN (72)Name of Inventor: 1)YOSUKE KAWANO 2)YUSUKE IWAI 3)MASAHIRO YAMADA 4)HITOSHI TAKAKI
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(57) Abstract:

A ceiling fan motor in accordance with an illustrative aspect of the present invention includes: a stationary unit; and a bearing unit, wherein the stationary unit includes: a shaft arranged along a center axis extending in an up-down direction, and an armature directly or indirectly fixed to the shaft; the rotary unit includes: a rotor holder arranged to cover the armature from above and below, the rotor holder including an upper rotor holder member and a lower rotor holder member, and a rotor annularly arranged on an inner circumferential surface of the rotor holder in a radially opposing relationship with the armature; the bearing unit rotatably supports the rotor holder with respect to the armature, and includes: an upper bearing member arranged between the shaft and the rotor holder at an axial upper side of the armature, and a lower bearing member arranged between the shaft and the rotor holder at an axial lower side of the armature; and the rotor holder includes an attachment portion arranged radially outward of the bearing unit so that an impeller for a ceiling fan can be attached to the attachment portion. Ref.

No. of Pages: 45 No. of Claims: 16

(21) Application No.26/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/01/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: COTTON PICKING ROBOT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	A47L7/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)MR. VIKAS VILAS BACHALE Address of Applicant: VAISHALI NAGAR, WARD NO. 6, NEAR RAILWAY TRACK, GADCHANDUR, TALUKA: KORPANA, DIST: CHANDRAPUR, PIN CODE- 442908 Maharashtra India
Filing Date (87) International Publication No	:NA : NA	(72)Name of Inventor : 1)MR. VIKAS VILAS BACHALE
(61) Patent of Addition to Application Number	:NA	The state of the s
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A cotton picking robot apparatus for plucking and collecting cotton from cotton plants in a farm disclosed that has an arm, a pecker, a camera and a control system. The arm defined by a first link and a second link facilitates collection of the cotton in a flexible bag. The picker positioned on the arm includes a teeth picker mechanism for plucking cotton and a flexible bag for collecting the plucked cotton. The camera includes a tactile sensor for sensing the cotton. The control system has a microcontroller configured with a plurality of programs facilitating operational movements of the arm.

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

(21) Application No.260/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : TYROSINASE INHIBITOR PRODUCED USING DRIED EARTHWORM POWDER AND METHOD FOR PRODUCING SAME

(51) International classification :A61K8/98,A61K35/56,A61P17/00

:WO 2013/018587

(31) Priority Document No :2011-167720 (32) Priority Date :29/07/2011

(33) Name of priority country: Japan

(86) International Application :PCT/JP2012/068718

Filing Date :24/07/2012

(87) International Publication

No

(61) Patent of Addition to Application Number :NA Filing Date :NA

(62) Divisional to Application Number :NA Filing Date :NA (71)Name of Applicant:

1)Well Stone Co.

Address of Applicant: 6742 1 Tanochokou Miyazaki shi

Miyazaki 8891701 Japan (72)Name of Inventor:
1)ISHII Yoichi

2)ISHII Kazuyuki

(57) Abstract:

Provided are: a tyrosinase inhibitor having an excellent tyrosinase inhibiting activity and high safety; and a method for producing a tyrosinase inhibitor. A method for producing a tyrosinase inhibitor characterized by comprising the steps of: bringing a hydroxycarboxylic acid powder into contact with living earthworm diluting the resultant mixture with water to adjust the pH value of the resultant solution to 2 to 5 and then holding the pH adjusted solution for 3 to 180 minutes or alternatively bringing an aqueous hydroxycarboxylic acid solution having a pH value of 2 to 5 into contact with living earthworm and then holding the resultant solution for 3 to 180 minutes; washing the living earthworm with water; pulverizing the washed earthworm; and lyophilizing the pulverized product.

No. of Pages: 33 No. of Claims: 9

(21) Application No.290/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :14/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROCESS FOR PREPARING SELF BINDING PIGMENT PARTICLE SUSPENSIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09C1/02,D21H17/00 :11179604.1 :31/08/2011 :EPO :PCT/EP2012/066302 :22/08/2012 :WO 2013/030051 :NA :NA :NA	(71)Name of Applicant: 1)OMYA INTERNATIONAL AG Address of Applicant: Baslerstrasse 42 CH 4665 Oftringen SWITZERLAND. (72)Name of Inventor: 1)GANTENBEIN Daniel 2)SCHOELKOPF Joachim 3)GANE Patrick A. C.
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(57) Abstract:

The invention relates to a process for preparing self binding pigment particle suspensions to a self binding pigment particle suspension as well as to a paper product comprising self binding pigment particles and to the use of the self binding pigment particle suspension as filler material.

No. of Pages: 45 No. of Claims: 25

(21) Application No.282/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :13/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: DATA STORAGE FOR VOLTAGE DOMAIN CROSSINGS

(51) International classification (31) Priority Document No	:G06F5/06 :13/208450	(71)Name of Applicant : 1)QUALCOMM Incorporated
(32) Priority Date	:12/08/2011	Address of Applicant :Attn: International IP Administration
(33) Name of priority country(86) International Application No	:U.S.A. :PCT/US2012/050641	5775 Morehouse Drive San Diego California 92121 U.S.A. (72)Name of Inventor:
Filing Date	:13/08/2012	1)KOOB Christopher Edward
(87) International Publication No(61) Patent of Addition to Application	:WO 2013/025637	2)LIN Ken Tsung 3)PYLA Manojkumar
Number Filing Date	:NA :NA	4)SAINT LAURENT Martin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

According to an embodiment an apparatus includes a data storage device. Data to be stored in the data storage device is level shifted from a first voltage domain to a second voltage domain prior to being stored within the data storage device. The data storage device is powered by the second voltage domain. The apparatus further includes a circuit that is powered by the second voltage domain and that is responsive to data output by the data storage device.

No. of Pages: 25 No. of Claims: 32

(19) INDIA

(22) Date of filing of Application :31/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: MULTI LAYERED SUPPORT SYSTEM

(51) International classification	:A61G7/057,A47C21/04	(71)Name of Applicant:
(31) Priority Document No	:61/512609	1)HUNTLEIGH TECHNOLOGY LIMITED
(32) Priority Date	:28/07/2011	Address of Applicant : ArjoHunleigh House Houghton Hall
(33) Name of priority country	:U.S.A.	Business Park Houghton Regis Dunstable Bedfordshire LU5 5XF
(86) International Application No	:PCT/US2012/048468	U.K.
Filing Date	:27/07/2012	(72)Name of Inventor:
(87) International Publication No	:WO 2013/016609	1)VRZALIK John H.
(61) Patent of Addition to Application	:NA	2)HONG Kz
Number	:NA	
Filing Date	.NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.205/MUMNP/2014 A

(57) Abstract:

In various embodiments a support system includes a cover sheet with a number of layers. In certain embodiments a top layer and a bottom layer are bonded to a middle spacer layer.

No. of Pages: 28 No. of Claims: 23

(21) Application No.265/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :10/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: PHARMACEUTICAL INVENTION OF TAPENTADOL

(51) International classification 1)TORRENT PHARMACEUTICALS LTD (31) Priority Document No Address of Applicant: Torrent House Off ashram Road Gujarat :2063/MUM/2011 (32) Priority Date :20/07/2011 Ahmedabad 380 009 India. Gujarat India (33) Name of priority (72)Name of Inventor: :India country 1)NADKARNI Sunil Sadanand (86) International 2)ABRAHAM Jaya :PCT/IB2012/053683 Application No 3)KHATRI Kapil :19/07/2012 Filing Date 4)MITTAL Vipul (87) International :WO 2013/011477 Publication No (61) Patent of Addition to :NA **Application Number** :NA Filing Date

(57) Abstract:

(62) Divisional to

Application Number

Filing Date

The present invention relates to a pharmaceutical composition of tapentadol for nasal administration. Present invention also relates to the process of preparation of pharmaceutical composition of tapentadol for nasal administration and its use in the treatment of pain.

No. of Pages: 39 No. of Claims: 18

:NA

:NA

(21) Application No.279/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/02/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention: SELF BINDING PIGMENT HYBRID

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C09C1/02,D21H17/00 :11179572.0 :31/08/2011 :EPO :PCT/EP2012/066658 :28/08/2012 :WO 2013/030178 :NA :NA	(71)Name of Applicant: 1)OMYA INTERNATIONAL AG Address of Applicant: Baslerstrasse 42 CH 4665 Oftringen Switzerland (72)Name of Inventor: 1)GANTENBEIN Daniel 2)SCHOELKOPF Joachim 3)GANE Patrick A.C.
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(57) Abstract:

The present invention relates to a process for preparing self binding pigment particles comprising the following steps: a) providing an aqueous mineral pigment material suspension; b) providing at least one polymeric binder wherein the binder comprises at least one modified polysaccharide having a degree of carboxylation in the range of 0.4 to 2.0 and having an intrinsic viscosity in the range of > 300 to 500 ml/g c) mixing the binder of step b) with the aqueous mineral pigment material suspension of step a) and adjusting the solids content of the obtained suspension so that it is > 45 to 95 wt. % preferably from 45 to 80 wt. % based on the total weight of the suspension and d) grinding the aqueous mineral material suspension of step c).

No. of Pages: 33 No. of Claims: 24

(19) INDIA

(22) Date of filing of Application :04/03/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: TRUCK PAYLOAD STORAGE ENCLOSURE

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:13/198934	1)RUFFINO Rob
(32) Priority Date	:05/08/2011	Address of Applicant :215 W. Liberaux St. Chalmette
(33) Name of priority country	:U.S.A.	Louisiana 70043 U.S.A.
(86) International Application No	:PCT/IB2012/053999	2)RIEHL Hebert
Filing Date	:04/08/2012	3)HART Jonathan
(87) International Publication No	:WO 2013/021335	4)MARSE George Peter III
(61) Patent of Addition to Application	:NA	(72)Name of Inventor:
Number	:NA	1)RUFFINO Rob
Filing Date	.NA	2)RIEHL Hebert
(62) Divisional to Application Number	:NA	3)HART Jonathan
Filing Date	:NA	4)MARSE George Peter III

(21) Application No.392/MUMNP/2014 A

(57) Abstract:

The present invention is an apparatus for providing a removable durable enclosure for the contents of a payload storage area providing a cost effective removable and efficient solution for protecting the contents of a payload storage area.

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

(21) Application No.394/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application: 04/03/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: ELECTRONIC APPARATUS USING MOTION RECOGNITION AND METHOD FOR CONTROLLING ELECTRONIC APPARATUS THEREOF

(51) International classification :G06F3/03,G06F3/048,G06F3/14 (71)Name of Applicant:

(31) Priority Document No :61/515459 (32) Priority Date :05/08/2011 (33) Name of priority country :U.S.A.

(86) International Application :PCT/KR2012/006172

:02/08/2012 Filing Date

(87) International Publication No:WO 2013/022224

(61) Patent of Addition to ·NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

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 Chan Hee 2)RYU Hee Seob 3)LEE Dong Ho 4)JEONG Ki Jun 5)PARK Seung Kwon

6)HAN Sang Jin

(57) Abstract:

An electronic apparatus and controlling method thereof is disclosed. The method for controlling the electronic apparatus includes using motion recognition photographs as an object and changing and displaying a screen based on a movement direction of the object when a determination that the photographed object is moved while maintaining a first shape is made. By this method the user is able to perform zoom in and zoom out operations more easily and intuitively by using motion recognition.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD OF SIMULTANEOUSLY FORMING LOW RESISTANCE METAL CONTACTS SIMULTANEOUSLY ON N AND P-TYPE SEMICONDUCTORS.

(51) International classification	:H01L21/28, H01L29/45, H01L21/203, H01L2	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY(IIT), BOMBAY Address of Applicant :INDIAN INSTITUTE OF
(31) Priority Document No	:NA	TECHNOLOGY BOMBAY, POWAI, MUMBAI-400076.
(32) Priority Date	:NA	Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SAURABH LODHA
Filing Date	:NA	2)UDAYAN GANGULY
(87) 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 describes a method of forming low resistance metal-interfacial layer-semiconductor (MIS) contact simultaneously on n or p-type semiconductor in a single process. The method of fabricating both n-type and p-type contact simultaneously using interfacial dipoles is used to achieve by decreasing depletion width W or lowering barrier height Φb as well as decrease in depletion width W.

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

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD AND SYSTEM FOR SPEEDING UP COMPUTER PROGRAM

(51) International classification	:G06F9/445	(71)Name of Applicant:
(31) Priority Document No	:201210123796.0	1)TENCENT TECHNOLOGY (SHENZHEN) COMPANY
(32) Priority Date	:25/04/2012	LIMITED
(33) Name of priority country	:China	Address of Applicant :Room 403 East Block 2 SEG Park
(86) International Application No	:PCT/CN2013/073196	Zhenxing Road Futian District Shenzhen Guangdong 518044
Filing Date	:26/03/2013	China
(87) International Publication No	:WO 2013/159621	(72)Name of Inventor:
(61) Patent of Addition to Application	:NA	1)SI Tiange
Number	*	2)BIAN Chao
Filing Date	:NA	3)JIANG Jinzhou
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method and system for speeding up a computer program is provided. The method includes: determining a critical file and a non critical file; storing the non critical file in a first storage device and storing the critical file in a second storage device wherein data accessing speed of the second storage device is faster than that of the first storage device; and receiving a file operation for accessing the critical file redirecting the file operation to the second storage device accessing the critical file stored in the second storage device. As for the characteristic that the speed for reading and writing the file is limited by the speed of the storage device the file operation for accessing the critical file is redirected to the file stored in the device with faster speed via the redirection technology to speed up the startup and running speed of the program.

No. of Pages: 20 No. of Claims: 18

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : THRUST ROLLER AND NEEDLE BEARING WITH CAGE ASSEMBLY FOR NEEDLE RETENTION

(51) International classification	:F16C33/58, F16C19/30, F16C43/04	(71)Name of Applicant: 1)NRB BEARINGS LTD Address of Applicant: POKHRAN ROAD-2, MAJIWADE
(31) Priority Document No	:NA	THANE (W)-400 610 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)MR. SURESH T. SALUNKE
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 needle roller bearing cage assembly comprising atleast two cage halves aligned together through specifically designed key slots located at each end of a cage half. Each cage half has plurality of pockets punched to facilitate retention of rolling elements, wherein said pockets are equally spaced with each other. The cage halves have internal and external tabs projecting on the outer diameter over the face profile of the said cage halves such that projection of tabs on the outer diameter of cage halves forms a concave shaped profile for retention of rolling elements. Each cage half is interlocked thereby forming single piece sigma integer on inner bore and outer diameter of cage halves.

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

(21) Application No.536/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: RADIAL NEEDLE BEARING WITH CAGE ASSEMBLY FOR NEEDLE RETENTION

(51) International classification	:F16C19/30, F16C33/54	(71)Name of Applicant: 1)NRB BEARINGS LTD
(31) Priority Document No	:NA	Address of Applicant :POKHRAN ROAD-2, MAJIWADE
(32) Priority Date	:NA	THANE(W)-400 610 Maharashtra India
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)MR. SURESH T. SALUNKHE
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41		•

(57) Abstract:

A needle roller bearing cage assembly having a base plate with seamless joints, said base plate having a plurality of pockets, each pocket has external and internal tabs alongside external and internal diameter to accommodate rolling elements.

No. of Pages: 15 No. of Claims: 8

(21) Application No.167/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :27/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: FROST PREVENTIVE COATING COMPOSITION

:NA

:NA

:C09K3/18,C09D5/32,C09D7/12 (71)Name of Applicant : (51) International classification (31) Priority Document No 1)Nihon Tokushu Toryo Co. Ltd. :NA (32) Priority Date Address of Applicant :16 7 Oji 5 chome Kita ku Tokyo :NA (33) Name of priority country :NA 1148584 JAPAN. (86) International Application No:PCT/JP2012/057356 (72)Name of Inventor: Filing Date 1)TACHIBANA Tetsuya :22/03/2012 (87) International Publication No: WO 2013/140576 (61) Patent of Addition to $\cdot NA$ **Application Number** :NA Filing Date

(57) Abstract:

Filing Date

Number

(62) Divisional to Application

To provide a coating composition with which frost that is attached to a surface of an object can be easily removed. [Solution] A coating composition which forms a coating on a surface of an object thereby enabling frost deposited thereon to be easily removed and preventing frost from growing and becoming larger. An antimony doped tin oxide or an indium tin oxide which absorbs infrared rays and does not affect color is added to a water repellent coating composition such as a fluororesin coating in an amount of 0.2 0.5 mass% with respect to the coating component so that frost attached to the surface can be easily removed.

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

(12) THE THE ENTROPY TO BEIGHT TO

(21) Application No.196/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :30/01/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention : CARTRIDGE REACTOR FOR PRODUCTION OF MATERIALS VIA THE CHEMICAL VAPOR DEPOSITION PROCESS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C23C16/44,C23C16/00 :61/504145 :01/07/2011 :U.S.A. :PCT/US2012/045177	(71)Name of Applicant: 1)GREENLEY GROUP FOR SOLAR TECHNOLOGIES LTD. Address of Applicant: Craigmuir Chambers PO Box 71 Road Town Tortola VG 1110 VIRGIN ISLANDS
Filing Date (87) International Publication No (61) Patent of Addition to Application	:01/07/2012 :WO 2013/006523	(72)Name of Inventor: 1)CERAN Kagan
Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention overcomes the limitations of Siemens reactors by providing for the deposition reaction to occur inside of a sealed crucible rather than inside of the overall cavity of a water cooled reactor. The crucible itself is positioned inside of a cartridge reactor which can have heat shields between crucible and the reactor walls to significantly reduce radiant energy losses. Additionally the ratio of deposition surface area to cavity volume in the crucible is much higher than that in the ratio of rod deposition surface area to overall cavity volume in Siemens reactors which results in a much higher contact percentage of gas molecules with the deposition surfaces. This in turn results in a much higher actual conversion ratio of material in the gas to material on the deposition surfaces.

No. of Pages: 37 No. of Claims: 4

(21) Application No.263/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :30/01/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: PROCESS FOR PREPARATION OF PROPOFOL EMULSION

(51) International classification	:A61K9/107, A61K47/44, A61K31/05,	(71)Name of Applicant: 1)VHB MEDI SCIENCES LIMITED Address of Applicant:50/AB, GOVERNMENT
	A61P25	INDUSTRIAL ESTATE, CHARKOP NAKA, KANDIVALI (W),
(31) Priority Document No	:NA	MUMBAI-400067 Maharashtra India
(32) Priority Date	:NA	(72)Name of Inventor:
(33) Name of priority country	:NA	1)ASHOK K. JAIN
(86) International Application No	:NA	2)RAHUL A. JAIN
Filing Date	:NA	3)NATARAJAN S. IYER
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

The present invention relates to process for manufacturing a propofol emulsion. In particular the present invention provides process for manufacturing propofol emulsion using high shear force as well as ultrasonic reduction. Nanonizer assembly is used to reduce the particle size of the propofol.

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

(21) Application No.280/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :12/02/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROTEIN SYNTHESIS KIT AND METHOD FOR EXPRESSING AND EXTRACTING PROTEINS USING AUTOMATIC EXTRACTION EQUIPMENT

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No	:C07K1/32,C07K1/14,C12N15/09 :10-2011-0085824 :26/08/2011 :Republic of Korea :PCT/KR2012/006715 :23/08/2012 :WO 2013/032174 :NA :NA	(71)Name of Applicant: 1)BIONEER CORPORATION Address of Applicant: 49 3 Munpyeong dong Daedeok gu Daejeon 306 220 Republic of Korea (72)Name of Inventor: 1)PARK Han Oh 2)CHO You Sang 3)JUNG Jun Ho 4)HAN Ji Won 5)KIM Nam II
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The present invention relates to a method for producing proteins. According to the method for producing proteins using an automatic biological material refining apparatus provided with: a well plate kit; a heating part; and a magnetic field applying part a plurality of target proteins may be obtained more quickly and simply compared to obtaining the target proteins using a protein expression/extraction method through an existing conventional cell culture. Thus the present invention exhibits the advantage of a reproducible synthesis efficiency for proteins being improved since no deviation is generated between reaction wells.

No. of Pages: 50 No. of Claims: 12

(21) Application No.400/MUMNP/2014 A

(19) INDIA

(22) Date of filing of Application :05/03/2014

(43) Publication Date: 28/11/2014

(54) Title of the invention: DEVICE AND METHOD FOR OPTIMISING COMBUSTION IN PARTITION LINES OF A CHAMBER KILN FOR FIRING CARBON BLOCKS

(51) International :F27B13/14,C04B35/52,C21D11/00 classification

(31) Priority Document No :1157976

(32) Priority Date :08/09/2011 (33) Name of priority country: France

(86) International Application :PCT/FR2012/051970 No

:03/09/2012 Filing Date

(87) International Publication :WO 2013/034840

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)SOLIOS CARBONE

Address of Applicant :32 rue Fleury Neuvesel F 69700 Givors

(72)Name of Inventor:

1)FIOT Nicolas

2) CHERIF IDRISSI EL GANOUNI Oussama

(57) Abstract:

The invention relates to a method for optimising combustion in partition lines of a so called rotary burner chamber kiln for firing carbon blocks said kiln comprising heating chambers the fuel required for firing the carbon blocks being partially injected by at least two heating manifolds (16) directly controlled by a master controller (42a 42b) which controls the inputs/outputs of said manifolds (16) the method including the automatic identification by the master controller (42a 42b) of the relative position of one manifold relative to the others when said manifold is connected to the grid and the operation of the injectors of the heating manifolds (16) being organised by distributing the operating sequences of the injectors individually over time.

No. of Pages: 35 No. of Claims: 10

(22) Date of filing of Application :19/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PNEUMATIC BRAKE ACTUATOR WITH FLOW INSENSITIVE TWO WAY CONTROL VALVE

(51) International classification	:F16D65/28, B60T17/08	(71)Name of Applicant : 1)HALDEX BRAKE PRODUCTS CORPORATION
(31) Priority Document No	:13/465,126	Address of Applicant :10930 NORTH POMONA AVENUE,
(32) Priority Date	:07/05/2012	KANSAS CITY, MISSOURI 64153, U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)BRADFORD, AARON C.
Filing Date	:NA	2)FISHER, ALBERT D.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(5=) 11		

(57) Abstract:

A pneumatic brake actuator has a spring brake actuator with spring and spring brake pressure chambers, and a service brake actuator with service brake pressure and pushrod chambers. A control valve has a seal that is moveable between an open position and a closed position for regulating fluid flow between the spring chamber and service brake pressure chamber. A first surface of the seal is in fluid communication with the service brake pressure chamber and a second surface of the seal is in fluid communication with a valve chamber that is not in fluid communication with the service brake pressure chamber or spring chamber. The seal moves between its open and closed positions based on a pressure in the service brake pressure chamber. Movement of the seal is not dependent on the rate of flow of fluid between the spring chamber and the service brake pressure chamber.

No. of Pages: 73 No. of Claims: 27

(22) Date of filing of Application :20/02/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : SYSTEMS AND METHODS FOR CONTROLLING MULTISTAGE ELECTRONIC CONTROLLED GAS VALVE

(51) International classification	:G05D23/20, F24H9/20, F16K21/04, F25D23/	(71)Name of Applicant: 1)EMERSON ELECTRIC CO. Address of Applicant:8000 WEST FLORISSANT AVENUE ST. LOUIS, MISSOURI 63136 USA
(31) Priority Document No	:NA	(72)Name of Inventor:
(32) Priority Date	:NA	1)BROKER, JOHN F.
(33) Name of priority country	:NA	2)TAWARE SACHIN
(86) International Application No	:NA	
Filing Date	:NA	
(87) 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 herein is an electronic control unit for controlling an electronic controlled multistage gas valve (MGV) for adjusting gas flow to a gas fired appliance. The electronic control unit comprises an integrated furnace control (IFC) unit, a multistage gas valve control (MGVC) unit electronically coupled to said IFC unit, and a coil electronically coupled to said MGVC unit, wherein the IFC unit, over a first communication line, provides at least one power supply signal, and over a second communication line, provides at least one pulse width modulated (PWM) duty cycle signal to said MGVC unit for controlling at least one of energizing and denergizing of said coil, wherein the electronic controlled MGV is adapted to move in response to a magnetic field generated by said coil.

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

(22) Date of filing of Application :25/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FUEL PELLET BASED COMPACT COOK STOVE AND A METHOD OF OPERATING THE STOVE

(51) International classification	:F24B5/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ABELLON CLEANENERGY LIMITED
(32) Priority Date	:NA	Address of Applicant :SYDNEY HOUSE, PREMCHAND
(33) Name of priority country	:NA	NAGAR ROAD, BODAKDEV, AHMEDABAD-380 054.
(86) International Application No	:NA	GUJARAT STATE, INDIA.
Filing Date	:NA	2)DHARA EQUIPMENTS
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)PATEL PANKAJ KANTIBHAI
Filing Date	:NA	2)PATEL GAURANG GOPALBHAI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention is related to compact cooking stove suitable for all domestic coking and method of operating for obtaining ecofriendly, noise less, smokeless operation with high efficiency. The Stove is cylindrical in shape with 34-36 cm height and 8-9 kg of total weight. Stove body comprise of a combustion zone, air circulation zone with air duct & electric fan, ash collection zone, vessel stand and a wide stove base. The combustion chamber is without refractory receiving primary air from holes on bottom and central beam, while secondary air from secondary air holes of 5 mm on top which enhance complete combustion of volatile gases from fuel pellets generated during gasification. The compact design of stove is suitable for all domestic cooking like; frying, boiling, baking etc., and cook stove is compatible with variety of fuel pellets made up from virgin and processed biomass.

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

(21) Application No.1471/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: CONVEYOR APPARATUS AND SYSTEM FOR MOVING MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:B65G41/00 :12/844900 :28/07/2010 :U.S.A. :PCT/US2011/042496 :30/06/2011 :WO 2012/015557 :NA :NA	(71)Name of Applicant: 1)FLSMIDTH A/S Address of Applicant: Vigerslev All 77 DK 2500 Valby Denmark (72)Name of Inventor: 1)STEELE Thomas 2)DAVIS Glenn 3)EMERSON Paul
Number Filing Date	:NA	3)EMERSON Paul
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A conveyor apparatus includes a first conveyor apparatus [5] and a second conveyor apparatus [4]. The first conveyor apparatus [5] is positionable adjacent to a feed conveying device [2]. The first conveyor apparatus [5] is configured to pivot about a position adjacent to the feed conveying device [2] or move laterally adjacent to the feed conveying device [2]. The second conveyor apparatus [4] is configured to move such that the second conveyor apparatus [4] maintains a position substantially parallel to the first conveyor apparatus [5] when the first conveyor apparatus [5] moves or pivots. In some embodiments the second conveyor apparatus [4] may also be configured to move along a path so that the second conveyor apparatus [4] is extendable beyond an end of the first conveyor apparatus [5]. The path may be a linear path and may be substantially parallel to the length of the first conveyor apparatus [5] such as a path that extends in a direction that is a few degrees off of being perfectly parallel.

No. of Pages: 46 No. of Claims: 29

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FACEMASK MATERIAL WITH IMPROVED BACTERIAL FILTRATION EFFICIENCY

		(71)
		(71)Name of Applicant:
(51) International classification	:B01D	1)DR. S. RAVI KUMAR
(31) Priority Document No	:NA	Address of Applicant :SCHOOL OF MARINE SCIENCES,
(32) Priority Date	:NA	DEPARTMENT OF OCEANOGRAPHY AND COASTAL
(33) Name of priority country	:NA	AREA STUDIES, ALAGAPPA UNIVERSITY, THONDI
(86) International Application No	:NA	CAMPUS, RAMANATHAPURAM DISTRICT - 623 409,INDIA
Filing Date	:NA	Tamil Nadu India
(87) International Publication No	: NA	2)DR. H. GURUMALLESH PRABU
(61) Patent of Addition to Application Number	:NA	3)S. ANANDA BABU
Filing Date	:NA	(72)Name of Inventor:
(62) Divisional to Application Number	:NA	1)DR. S. RAVI KUMAR
Filing Date	:NA	2)DR. H. GURUMALLESH PRABU
		3)S. ANANDA BABU

(57) Abstract:

The present invention relates facemask material with improved bacterial filtration efficiency which uses silver particles and extract of Manihot esculanta (a natural plant) to improve filtration of the air borne contaminates.

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

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MICROCONTROLLER BASED DYNAMIC ELECTROMAGNETIC BRAILLE EMBOSSER

(51) International classification		(71)Name of Applicant :
(31) Priority Document No (32) Priority Date	:NA :NA	1)L. BOAZ Address of Applicant :13/186A, LABOSS MANSION,
(33) Name of priority country		SELVAVINAYAGAPURAM, PAVOORCHATRAM,
(86) International Application No	:NA	TIRUNELVELI - 627 808 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)L. BOAZ
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Now a days visually impaired peoples have very few resources in their education due higher cost of printing the Braille sheets. To overcome this problem a novel method was invented to embossing method. Braille symbols are identifying by the embossing sign on the Braille sheets. Dynamic ElectroMagnetic Braille embosser cell is an electronic Braille embosser which is controlled by the teacher. Alphabetical letters, Numerical values and symbols are got from the computer through serial data communication cable UART to Microcontroller Microprocessor convert to Digital data to control the general purpose input output port pins and tactile output device. The tactile device Dynamic ElectroMagnetic Braille embosser cell was constructed or designed by Solenoids. Liquid crystal display used to display the tactile output device on the kit side. This tactile device is driven by ULN2803A solenoid driver integrated circuit. All this components are consuming 3.2V DC to 12 V DC according to their input range.

No. of Pages: 16 No. of Claims: 8

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : A METHOD OF PLAYING A GAME ON AN INTERNET ENABLED COMPUTING DEVICE SYNCHRONOUS WITH A TV ADVERTISEME

(51) International classification		(71)Name of Applicant:
(31) Priority Document No (32) Priority Date	:NA :NA	1)APPTARIX MOBILITY SOLUTIONS PVT. LTD. Address of Applicant :248, 1 CROSS, 2ND PHASE, 6TH
(33) Name of priority country	:NA	BLOCK, BANASHANKARI 3RD STAGE, BANGALORE - 560
(86) International Application No	:NA	085 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)ADRISH BERA
(61) Patent of Addition to Application Number	:NA	2)MURALIDHAR K. SRIDHAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method of playing game on an internet enabled computing device, synchronous with TV advertisement. The method comprises receiving advertisement information, game information associated with the advertisement information from the server, populating the game information in a template to make the interactive game, scheduling the start of the game, starting the interactive game, receiving user solution of the game, matching the user solution with the correct solution, verifying and informing that the user is first to provide correct solution in the network and allocating points to the user, if the user solution is first correct solution in the network. Informing that the user solution is correct but not first in the network, and allocating points to the user, if the user solution is correct solution but not first in the network, increasing a game level and sending analytics of the user solution to the server.

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

(22) Date of filing of Application :21/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MEDICAL DEVICE SAFETY MANAGEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:NA :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:
(87) International Publication No(61) Patent of Addition to Application Number	: NA :NA	1)KARTHIKEYAN KANIYUR SUBBIAN 2)RASHIMI SHENOY
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	3)SUBRAHMANYA RAYASAMUDRA MRUTHYUNJAYA

(57) Abstract:

Various technologies related to estimating costs associated with proposed information technology services solutions using global sourcing are described. Consistent and accurate estimates can be achieved by using a tool having features specific to the estimating process. The tool can construct a global sourcing business case illustrating savings if the proposed solution were to be adopted. A wide variety of features related to solution parameters, costs, competitor analysis, transition billing, blended rates, business cases, and cumulative savings graphs can be supported. Superior, credible proposals can be generated that address the practical and financial demands of clients.

No. of Pages: 15 No. of Claims: 18

(21) Application No.1661/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: DEVICE FOR THE COMMINUTION OF MATERIAL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Potent of Addition to Application 	:12/874327 :02/09/2010 :U.S.A.	(71)Name of Applicant: 1)FLSMIDTH A/S Address of Applicant: 77 Vigerslev Alle DK 2500 Valby Denmark (72)Name of Inventor: 1)EUCULANO Jason S.
` ' '	·PCT/US2011/049920	(72)Name of Inventor •
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:31/08/2011	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A device for comminuting material such as a roller press (16 25) includes rollers (5 6 30 33) positioned adjacent to each other and forming a nip therebetween. One of the rollers (5 33) is moveable via an actuator such as a cylinder (6 34) or hydraulic cylinder. One or more first accumulators (7 35) is attached to the actuator so that fluid is moveable from the actuator (6 34) to the one or more first accumulators (7 35) when the rollers are rotated to comminute material passing through the nip. One or more second accumulators (7a 36) is connected to the actuator (6 34) as well so that fluid from the actuator may move to the one or more second accumulators (7a 36) when an uncrushable element passes through the nip. Preferably the one or more second accumulators are configured such that fluid does not pass from the actuator to the one or more second accumulators unless an uncrush.

No. of Pages: 37 No. of Claims: 24

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A LOAD MONITORING DEVICE IN A VEHICLE

(51) International classification(31) Priority Document No	:B60G11/12 :NA	(71)Name of Applicant: 1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No Filing Date	:NA :NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095 Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SUJITH KUMAR REDDY
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A load monitoring device (100) in a vehicle (1000) is disclosed. The device (100) comprises a load sensor (10) for determining a load (L) carried by the vehicle. The device (100) is such that a calculation means (50) receives a first load value (11) and a second load value (12) from the load sensor (10) and calculates a change in the load (L) carried by the vehicle (1000), a comparison means (60) compares the change in the load (L) calculated by the calculation means (50) with a load-variation threshold value (LTH) and a warning means (70) warns a driver of the vehicle depending on the comparison by the comparison means (60).

No. of Pages: 14 No. of Claims: 9

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A WHEEL MISALIGNMENT DETERMINING DEVICE IN A VEHICLE

(51) Intermediated algorification	.1.60.1	(71)Nome of Ameliant.
(51) International classification	:0020	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)ARTHI N
(62) Divisional to Application Number	:NA	2)SUBRAHMANYAM N
Filing Date	:NA	

(57) Abstract:

A wheel misalignment determining device 100 in a vehicle 1000 is disclosed. The device 100 to determine a misalignment of a driven wheel 10 in a vehicle 1000 comprises a steering knuckle 20 for holding the driven wheel 10 of the vehicle 1000 and connecting the wheel 10 with a suspension component of the vehicle (1000), such that a strain gauge 50 is located within the steering knuckle 20 and determining a strain on the steering knuckle 20, a calculation means 60 calculates a stress value depending on the strain determined by the strain gauge 50 and a misalignment detection means 70 detects a misalignment of the driven wheel 10 depending on the stress value calculated by the calculation means 60.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : SYSTEM AND METHOD FOR AN APPOINTMENT WITH REAL TIME QUEUE STATUS INDICATOR

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country	:G06Q10/00 :NA :NA :NA	(71)Name of Applicant: 1)NARASIMHA LAKSHMIKANTH Address of Applicant: NO. 201, 2ND FLOOR, RHINE ADADATMENTS FALNIR MANGALORE 575 001
(33) Name of priority country (86) International Application No Filing Date (87) International Publication No.	:NA :NA :NA : NA	APARATMENTS, FALNIR, MANGALORE - 575 001 Karnataka India (72)Name of Inventor: 1)NARASIMHA LAKSHMIKANTH
 (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	1)NAKASIWITA LAKSHIVIKAN I H
Filing Date	:NA	

(57) Abstract:

A system and method of making appointments has an interactive interface that enables clients to book an appointment. The appointment system automatically monitors the schedule of appointments between a service provider and clients. Also, the system has alerting mechanism that provides alerts on status of the queue in real time via receiving apparatus. The system sends updates to the client with the information on the queue status that indicates the number of clients ahead and approximate time of appointment by considering various scenarios that effects the appointment.

No. of Pages: 21 No. of Claims: 26

(22) Date of filing of Application :28/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : CONNECTION ARRANGEMENT FOR A CONED FLANGE CONNECTION AND CONED FLANGE CONNECTION

(51) International classification	:F16L	(71)Name of Applicant:
(31) Priority Document No	:10 2012 006 756.9	1)NORMA GERMANY GMBH Address of Applicant :EDISONSTRASSE 4, 63477
(32) Priority Date	:03/04/2012	MAINTAL Germany
(33) Name of priority country	:Germany	(72)Name of Inventor:
(86) International Application No	:NA	1)HENRICH, DETLEF
Filing Date	:NA	2)KRAUSS, MATHIAS
(87) International Publication No	: NA	3)LEGEL, THOMAS
(61) Patent of Addition to Application Number	:NA	4)MANN, STEPHAN
Filing Date	:NA	5)KRUGER, MANFRED
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A connection arrangement for a coned flange connection and coned flange connection. The connection arrangement includes a tensioning device bent in a ring shape having a changeable inner diameter, legs projecting radially inwardly from the tensioning device and forming, in an axial direction, an accommodation space, and an insert on which the legs are formed being arranged inside the tensioning device. The insert has a back bearing against an inside of the tensioning device and is arranged to connect the legs. The legs have multiple gaps in a circumferential direction.

No. of Pages: 19 No. of Claims: 20

(19) INDIA

(22) Date of filing of Application :17/04/2009 (43) Publication Date : 28/11/2014

(54) Title of the invention: MOBILE MONETIZATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:31/05/2007 :(WO 2008/042474) :NA :NA	(71)Name of Applicant: 1)YAHOO INC. Address of Applicant:#701 FIRST AVENUE, SUNNYVALE, CALIFORNIA 94089 U.S.A. (72)Name of Inventor: 1)ZHAOWEI CHARLIE JIANG 2)GYNTHIA CHICHIA 3)THOMAS EDWARD WHITTAKER
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA	

(21) Application No.2105/CHENP/2009 A

(57) Abstract:

A device, system, and method are directed towards facilitating monetization of mobile devices. A click action server determines click actions that are to be sent to a client device based on one or more factors. The click actions are sent to the client device as links. An action handler 5 receives requests indicating a selected action, and facilitates the performance of the action.

No. of Pages: 44 No. of Claims: 15

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : METHOD, APPARATUS AND DEVICE FOR PREDICTING A BETTER SITTING LOCATION INSIDE A VEHICLE FOR A JOURNEY

(51) International classification	:G01C21/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SREEJA ARUNKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

According to an aspect of the present disclosure, a navigation device receives user preferences comprising preferred geographical feature for viewing during a journey. The navigation device determines the sitting position inside the vehicle based on the preferred geographical features. In one embodiment, the determined sitting position gives larger percentage of the preferred geographical features such as scenery, mountain peaks, water bodies etc. The device determines the direction of arrival of the sunlight by at the expected time of the journey and determines the sitting position away from the direction in which the sunlight is expected to enter the vehicle at the time of the journey. According to another, the device also determines sitting position based on the road parameters such as road type, existence of dividers, width of the road, number of lanes on the road etc. Thus, the present navigation device assist the user in making the journey as per the users likings.

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A FUEL INJECTION PUMP FOR AN INTERNAL COMBUSTION ENGINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA	(71)Name of Applicant: 1)BOSCH LIMITED Address of Applicant: POST BOX NO 3000, HOSUR ROAD, ADUGODI, BANGALORE - 560 030 Karnataka India 2)ROBERT BOSCH GMBH (72)Name of Inventor: 1)SHANKAR M V 2)VISHAL KUMAR S
(61) Patent of Addition to Application Number		2)VISHAL KUMAR S
Filing Date (62) Divisional to Application Number	:NA :NA	3)BASKARAN R
Filing Date	:NA	

(57) Abstract:

A fuel injection pump (100) for an internal combustion engine (104) is disclosed. The fuel injection pump (100) comprises a pumping unit (106) mounted on the fuel injection pump (100), and characterized in that the fuel injection pump (100) further comprises a fuel draw-off line (112) connecting an inlet of the pumping unit (106) and an outlet of the fuel injection pump (100), the fuel draw-off line (112) comprising a main electric shut off valve (114) preventing drawing off the fuel from the fuel injection pump (100) while cranking the internal combustion engine (104).

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

(21) Application No.434/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :31/01/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MOTORCYCLE TIRE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60C :2012- 022225 :03/02/2012 :Japan :NA :NA :NA :NA	(71)Name of Applicant: 1)SUMITOMO RUBBER INDUSTRIES, LTD. Address of Applicant: 6-9, WAKINOHAMA-CHO, 3- CHOME, CHUO-KU, KOBE-SHI, HYOGO 651-0072 Japan (72)Name of Inventor: 1)TAKENAKA KOUJI
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(57) Abstract:

A motorcycle tire comprises a tread portion having a first region and a second region divided by the tire equator, the tread portion provided with first inner inclined grooves provided in the first region and second inner inclined grooves provided in the second region, first and second inner inclined grooves alternately arranged in a tire circumferential direction, and the inner inclined groove extending from an axially inner end Ai toward an anti-designated rolling direction to an axially outer end Ao at an angle a of 0-20 to the tire circumferential direction, the tread portion also provided with first outer inclined grooves provided in the. first region and second outer inclined grooves provided in the second region, and first and second outer inclined grooves alternately arranged in the tire circumferential direction, the outer inclined groove extending from an axially inner end Bi toward a designated rolling direction to an axially outer end Bo and each outer inclined groove having an angle pi at the axially inner end Bi of 150-170 degrees and an angle po at the axially outer end Bo of 110-130 degrees to the circumferential direction of the tire.

No. of Pages: 32 No. of Claims: 6

(21) Application No.1083/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FUEL SUPPLY STRUCTURE OF SADDLE-RIDE TYPE VEHICLE

(51) International classification(31) Priority Document No(32) Priority Date	:B62J 1/00 :2012- 065928	(71)Name of Applicant: 1)HONDA MOTOR CO., LTD. Address of Applicant:1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country(86) International Application No	:Japan :NA	(72)Name of Inventor: 1)HIGASHIYAMA, JUNJI
Filing Date (87) International Publication No (61) Patent of Addition to Application Number	:NA : NA :NA	
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

To provide fuel supply structure of a saddle-ride type vehicle in which even if a fuel supply part is large-sized, its arrangement space can be secured and which is also excellent in maintainability. [Solution] In fuel supply structure of a saddle-ride type vehicle in which fuel supplied from a fuel tank 19 to a fuel injection valve 8a is supplied via fuel supply parts supported by a body frame 2 as to the body frame 2, a single main frame 10 is extended backward in a vehicle body from a head pipe 3, a pendent part 10! curved and extended downward in the vehicle body is provided at < rear end of the main frame 10, and center frames 60L, 60R which are extended in a lateral direction of the vehicle body from a halfway part in a vertical direction of the vehicle body of the pendent part 10Z, which are provided with frame overhanged parts 61L, 61R extended diagonally downward and which are extended further downward are provided. The fuel supply parts are provide in inside space 50 enclosed by the center frames 60L, 60R and th< pendent part 10Z and in overhanged part upside space 51 on the upsides of the frame overhanged parts 61L, 61R.

No. of Pages: 34 No. of Claims: 6

(22) Date of filing of Application: 11/11/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: COMMUNICATION SYSTEM AND MANAGEMENT METHOD THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04L :NA :NA :NA :NA :PCT/CN2011/074184 :17/05/2011 :WO 2011/127855 :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)LIU Sheng 2)CHENG Hong
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(57) Abstract:

A communication system and a management method thereof are provided in the embodiment of the present invention. The communication system includes: a wireless transmitting/receiving layer including a wireless transmitting/receiving node assembly which includes at least one of the macro cell Radio Remote Unit (RRU) micro cell RRU and micro cell Baseband Unit (BBU); a local calculation layer including a local calculation node the local calculation node being connected with one wireless transmitting/receiving node or multi neighbouring wireless transmitting/receiving nodes among the wireless transmitting/receiving node assembly the local calculation node performing all or a first part of the communication processing of a cell corresponding to the local calculation node; a centralized calculation layer including a centralized calculation node the centralized calculation being connected with the local calculation node in the local calculation layer and performing a second part of communication processing the whole communication processing including the first and the second part of communication processing. The local calculation layer of the embodiment in the present invention takes in charge of all or part of the communication processing within a certain range so that a further calculation center does not have to process all of the processing thus the network bandwidth is saved and the utilization efficiency of the system resources is increased.

No. of Pages: 54 No. of Claims: 21

(19) INDIA

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

(21) Application No.9047/CHENP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: UPLINK TRANSMIT DIVERSITY TRANSMISSION METHOD DEVICE AND SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04B7/06 :201210019432.8 :21/01/2012 :China :PCT/CN2013/070780 :21/01/2013 :WO 2013/107421 :NA :NA :NA	(71)Name of Applicant: 1)HUAWEI TECHNOLOGIES CO. LTD. Address of Applicant: Huawei Administration Building Bantian Longgang Shenzhen Guangdong 518129 China (72)Name of Inventor: 1)GUO Xuanyu 2)CHEN Yanyan 3)GAO Yongqiang 4)LI Bingzhao
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(57) Abstract:

Embodiments of the present invention provide an uplink transmit diversity transmission method device and system relating to the technical field of communication. In order to duly and effectively determine to activate or deactivate uplink transmit diversity and in order to improve uplink transmission quality the present invention provides the following technical schemes: a base station determines to activate uplink transmit diversity of user equipment (UE) and transmits an activation request indication to a radio network controller (RNC) so that said RNC informs said UE to activate uplink transmit diversity according to said activation request indication; or base station determines to deactivate uplink transmit diversity of said UE and transmits a deactivation request indication to said RNC so that said RNC informs said UE to deactivate uplink transmit diversity according to said deactivation request indication. The present invention is applied to uplink transmit diversity transmission control.

No. of Pages: 64 No. of Claims: 49

(21) Application No.2241/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: OCCUPANCY DETECTION

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number	G06K9/00 NA (71)Name of Applicant: 1)OSRAM AG Address of Applicant: HELLABRUNNER STR. 1, 81543 MUNCHEN Germany (72)Name of Inventor: NA 1)AMIT KALE NA 2)CHHAYA METHANI NA
(62) Divisional to Application Number :N	NA NA NA

(57) Abstract:

A method for occupancy detection comprising the steps of: capturing an image; moving a sliding window over said image; determining features for intensity image and gradient image; generating a strong classifier; detecting shape of object; and determining occupancy.

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

(21) Application No.2242/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A METHOD AND A SYSTEM FOR OCCUPANCY LOCATION

(51) International classification	:H04N7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)OSRAM AG
(32) Priority Date	:NA	Address of Applicant :HELLABRUNNER STR. 1, 81543
(33) Name of priority country	:NA	MUNCEN Germany
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SAPTARSHI DAS
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A method for occupancy location comprising the steps of capturing a spatially coded image of a scene, identifying a region of interest in the image, generating a pixel plausibility index for each image pixel in the region of interest, and classifying pixels as relating to occupancy responsive to the pixel plausibility index.

No. of Pages: 31 No. of Claims: 19

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A METHOD FOR DISPLAYING POINTS OF INTEREST AND A DEVICE THEREOF

(51) International classification	:G01C21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SREEJA ARUNKUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A navigation device 100 to display a Point Of Interest (POI) is disclosed. The navigation device 100 comprises an assignment means 101 to assign a priority the POI. A calculation means 102 of the navigation device 100 calculates a deviation distance threshold to the POI from a trip route based on the priority and a trip distance. A determination means 103 determines an additional distance to be traversed from the trip route to the POI. A comparison means 104 compares an additional distance to the POI with the deviation distance threshold. A display means 105 displays the POI depending on an output from the comparison means 104.

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

(21) Application No.9133/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application: 14/11/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: HIGH STRENGTH AND HIGH TOUGHNESS STEEL PLATE WITH YIELD STRENGTH BEING 700 MPA AND MANUFACTURING METHOD THEREOF

(51) International classification :C22C38/14,C21D8/02 (71)Name of Applicant : (31) Priority Document No 1)BAOSHAN IRON & STEEL CO. LTD. :201110288952.4 (32) Priority Date Address of Applicant :No.885 Fujin Road Baoshan District :26/09/2011 (33) Name of priority country Shanghai 201900 China :China (86) International Application No :PCT/CN2012/076052 (72)Name of Inventor: Filing Date 1)ZHANG Aiwen :25/05/2012 (87) International Publication No :WO 2013/044641 2)JIAO Sihai (61) Patent of Addition to Application 3)ZHANG Qingfeng :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

A high strength and high toughness steel plate comprises components of by weight: C (0.03 0.06%) Si (less than or equal to 0.30%) Mn (1.0 1.5%) P (less than or equal to 0.020%) S (less than or equal to 0.010%) Al (0.02 0.05%) Ti (0.005 0.025%) N (less than or equal to 0.006%) Ca (less than or equal to 0.005%) and more than one of Cr (less than or equal to 0.75%) Ni (less than or equal to 0.40%) and Mo ((less than or equal to 0.30%) and the residual being Fe and inevitable impurities. A manufacturing method thereof comprises: performing continuous casting or die casting on molten iron after vacuum degassing and performing blooming after the die casting to form a billet; heating a continuous casting billet or the billet at 1100 1250°C and performing one pass or multi pass rolling on the heated continuous casting billet or billet at an austenite re crystallization zone a total reduction rate being equal to or greater than 70% a final rolling temperature being equal to or greater than 860°C; a rolled steel plate being water cooled to 200 300°C rapidly at a speed of 15 50°C/s and being air cooled for 5 60s; the cooled steel plate entering an online reheating furnace to be heated to 450 550°C rapidly at a speed of 10°C/s tempering for 15 45s and being taken out of the furnace for air cooling. The obtained steel plate as thick as 6 25 mm has yield strength equal to or greater than 700MPa elongation A equal to or greater than 18% and A at 60°C equal to or greater than 150J thereby being applicable to industries such as automobiles engineering machinery and naval ship structures.

No. of Pages: 17 No. of Claims: 18

(21) Application No.1075/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :23/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: STABLE LYOPHILIZED PEG CONJUGATES

(51) International classification		(71)Name of Applicant:
(31) Priority Document No	:NA	1)VIRCHOW BIOTECH PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :VIRCHOW BIOTECH PVT. LTD.
(33) Name of priority country	:NA	PLOT NO. 4, COOP. INDUSTRIAL ESTATE, IDA,
(86) International Application No	:NA	JEEDIMETLA, HYDERABAD 500 055 Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)DR. HEMANTH NANDIGALA
(61) Patent of Addition to Application Number	:NA	2)DR. VENKAT KONDA
Filing Date	:NA	3)DR. MURALI TUMMURU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to storage stable composition of PEG conjugates. The composition of the present invention is stable for an extended period which is suitable to maintain the robust transit conditions over significant range of temperatures, without any degradation including physical integrity of the lyophilized cake.

No. of Pages: 19 No. of Claims: 12

(21) Application No.1284/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :25/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: GAS FUEL PRESSURE CONTROL DEVICE

(51) International classification	:F02M	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)DENSO CORPORATION
(31) Fliolity Document No	071459	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY,
(32) Priority Date	:27/03/2012	AICHI-PREF. 448-8661 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TAKAGI, AKIRA
Filing Date	:NA	2)UNO, HARUHIKO
(87) International Publication No	: NA	3)KONDO, MAKOTO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A regulator (1) is provided with a first pressure reducing valve (30), a second pressure reducing valve (50), and a load adjusting part (70). A gas fuel in a fuel tank has pressure reduced to 1.4 MPa from 20 MPa by the first pressure reducing valve (30) and then has the pressure further reduced to 0.2 to 0.65 MPa by the second pressure reducing valve (50). In the second pressure reducing valve (50), the pressure of the gas fuel is reduced to 0.2 to 0.65 MPa from 1.4 MPa, so that the resistive force of a second O-ring (54) for sealing a first middle-pressure chamber(511) and a second pressure chamber (631) can be made smaller. A sliding resistance between a needle (53) and the second O-ring (54) is reduced and hence an electromagnetic attracting force generated by the load adjusting part (70) can be made smaller. Electricity consumed by the load adjusting part (70) can be reduced and the size of the regulator (1) can be made smaller.

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

(21) Application No.4764/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/11/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: SOLAR POWER BASED HYBRID BIKE

(51) International classification	:H01M	(71)Name of Applicant :
(31) Priority Document No	:NA	1)R. DINESH KUMAR
(32) Priority Date	:NA	Address of Applicant :NO. 115, T.H. ROAD,
(33) Name of priority country	:NA	KODUNGAIYUR, CHENNAI - 600 018 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)R. DINESH 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:

This bike is a multi purpose bike which can be operated using three methods 1. By Solar 2. By Electric power. 3. By Fuel The bike can be operated using the solar energy. In the absence of the solar energy the byke can be operated using the electrical energy which is stored in the batteries. The electrical energy which is stored in the batteries can be available only up to 60-70Km. So in such case the switch can be tune on to the fuel option . So that the bike can be more useful for our society. An Electric Bike or Scooter is a battery operated vehicle that is very economical with low maintenance cost and zero pollution. Electric two wheelers use the electrical technology of rechargeable battery that converts the electrical energy into mechanical energy. The battery of an EV can be charged easily using a power connection.

No. of Pages: 18 No. of Claims: 1

(21) Application No.4765/CHE/2012 A

(19) INDIA

(22) Date of filing of Application :14/11/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: SOLAR POWER BASED HYBRID CAR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)R. DINESH KUMAR Address of Applicant: NO. 115, T.H. ROAD, KODUNGAIYUR, CHENNAI - 600 018 Tamil Nadu India (72)Name of Inventor: 1)R. DINESH KUMAR
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

This car is a multipurpose car which can be operated using three methods 1. By Solar 2. By Electric power. 3. By Fuel The car can be operated using the solar energy. In the absence of the solar energy the car can be operated using the electrical energy which is stored in the batteries. The electrical energy which is stored in the batteries can be available only up to 60-70Km. So in such case the switch can be tuned on to the fuel option. So that the car can be more useful for our society.

No. of Pages: 17 No. of Claims: 1

(21) Application No.9448/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :25/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A PARTICLE COLLECTOR APPARATUS

(51) International classification (31) Priority Document No	:G01N1/22,G01N1/24,G01N15/02 :1107328.5	(71)Name of Applicant: 1)SMITH Malcolm
(32) Priority Date	:04/05/2011	Address of Applicant : Dassels Dulverton Somerset TA22 9RZ
(32) Friority Date (33) Name of priority country		U.K.
(86) International Application No Filing Date	:PCT/IB2012/052227 :03/05/2012	(72)Name of Inventor : 1)SMITH Malcolm
(87) International Publication No	:WO 2012/150571	
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Particle collector apparatus are used to separate particles from an entrained gas. Typically flow is effected by means of applying a vacuum at one end where the vacuum is produced by means of a mechanical reciprocating piston type vacuum generator. The present invention provides a particle collector apparatus (10) for use in testing medical devices which emit particulates such as inhalers comprising a collection vessel (210) having an inlet (230) for connection with the device to be tested and an outlet (240) and a first vacuum generating unit (10) connected to the outlet wherein the first vacuum generating unit is powered by of a first vacuum forming fluid to produce a first at least partial vacuum thereby inducing a flow of a first sample fluid in a first direction through the collection vessel (210) from the inlet to the outlet wherein the collection vessel is an impactor or an impinger.

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

(22) Date of filing of Application :26/03/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: INTERNAL COMBUSTION ENGINE

(51) International classification	:F02B	(71)Name of Applicant:
(31) Priority Document No	:2012-	1)HONDA MOTOR CO., LTD.
(31) I Hority Document No	082786	Address of Applicant :1-1, MINAMI-AOYAMA 2-CHOME,
(32) Priority Date	:30/03/2012	MINATO-KU, TOKYO, 107-8556 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)SHIRASUNA, TAKAMORI
Filing Date	:NA	2)KUBOTA, RYO
(87) International Publication No	: NA	3)TANABE, KAZUYA
(61) Patent of Addition to Application Number	:NA	4)SAITO, HIDEKI
Filing Date	:NA	5)NOMURA, TOMOKAZU
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

To provide an internal combustion engine which largely obtains a masking ratio of an intake valve port, and can easily generate a strong vortex tumble flow and realize improvement in combustion efficiency. [Constitution] In an internal combustion engine, an intake valve port (42) is offset-formed so as to have a crescent protruding portion (42a) which protrudes outward relative to a round hole of a cylinder bore (16b) as viewed in a cylinder axis direction, a round curved notch surface (55) is formed by notching a rear portion, opposed to the protruding portion (42a) of the intake valve port (42) in an opening edge of the cylinder bore (16b) of the cylinder block (16) on a cylinder head (17) side, along a peripheral edge of a bevel portion (46p) of an intake valve (46) in a moving direction of the intake valve (46), a ceiling surface (41) of a cylinder head (17) is formed with a domed recess portion (51) of an elliptical cross-section which surrounds the intake valve port (42) and the exhaust valve port (43) with both sides thereof in a longitudinal diameter direction, and squishes (52, 52) are formed in a pair of left and right crescent portions outside the domed recess portion (51) of the ceiling surface (41).

No. of Pages: 47 No. of Claims: 9

(21) Application No.2209/CHE/2013 A

(19) INDIA

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

(43) Publication Date: 28/11/2014

(54) Title of the invention : RELATION FOR SUM FIFTH POWERS OF NATURAL NUMBERS USABLE IN PROGRAMMABLE , CALLCULATOR, COMPUTER, BY R. VELMURUGAN

(51) International classification (31) Priority Document No	:A63F :NA	(71)Name of Applicant: 1)R. VELMURUGAN
(32) Priority Date	:NA	Address of Applicant :146/5, NORTH DTREET,
(33) Name of priority country	:NA	SENGAMEDU (VILL), AVINANGUDI (OPP), TITTAGUDI
(86) International Application No	:NA	(T.K), CUDDALORE (DT) - 606 112 Tamil Nadu India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)R. VELMURUGAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Relation for sum natural numbers exist ,relation for sum of squares of natural number exist, relation for sum of cubes of natural numbers exist ,by induction of above relation my insight induce me to construct relation for sum of fifth powers of natural numbers .

No. of Pages: 5 No. of Claims: 2

(19) INDIA

(22) Date of filing of Application :27/05/2013

(21) Application No.2305/CHE/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention : A PORTABLE, COLLAPSIBEL APPARATUS FOR HANDS-FREE, SIMULTANEOUS TRANSPORT AND TRANSFER OF MULTIPLE PAYLOADS INCLUDING HUMANS, THAT IS LIGHT AND STOW-ABLE ON THE PERSON OF THE RESCUER

(51) International classification	:F16M13/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MUHAMMED ASLAM SHARIEF
(32) Priority Date	:NA	Address of Applicant :OLD #39, THANAPPA STREET,
(33) Name of priority country	:NA	TRIPLICANE, CHENNAI - 600 005 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)MUHAMMED ASLAM SHARIEF
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:423/CHE/2012	
Filed on	:06/02/2012	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
		1

(57) Abstract:

This invention comprises improvements and modifications (in addition) to the invention claimed in the application for patent numbered 423/CHE/2012 and the application for patent of addition numbered 668/CHE/2012, wherein, a portable, collapsible apparatus and system for single-handed, hands-free, simultaneous transport and transfer of multiple payloads including humans, with minimal physical effort, being light, so as to be stowed on the person of a rescuer, by forming part of his personal gear/outfit, are disclosed. Still further, an apparatus which is simple in design, easy and less expensive to manufacture, use and maintain is disclosed

No. of Pages: 28 No. of Claims: 6

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: WIRELESS TRANSMISSION DEVICE AND WIRELESS TRANSMISSION METHOD

(51) International classification :H04L7/02,H04W24/04,H04W56/00

(31) Priority Document No :2011111124 (32) Priority Date :18/05/2011 (33) Name of priority country:Japan

(86) International

Application No :PCT/JP2012/062176

Filing Date :11/05/2012

(87) International Publication :WO 2012/157570

(61) Patent of Addition to
Application Number
:NA

Application Number
Filing Date
(62) Divisional to

(62) Divisional to
Application Number
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)NAKAJIMA Hiroaki

(57) Abstract:

This wireless transmission device is provided with: a wireless reception unit which receives wireless frames in which LAN signals which include timing packets and error detecting codes are multiplexed and converted into a wireless output signal from a wireless transmission channel and demodulates the frames and detects signal errors of the wireless frames on the basis of the error detecting codes within the wireless frames in order to calculate the wireless frame error rate; and a holdover switching unit which in the case that the wireless frame error rate exceeds a threshold switches from a timing recovery mode in which a clock and a timing pulse are output with a period and a phase which has been recovered from timing packets to a holdover mode in which the clock and the timing pulse are output with a period and a phase which had been saved at a time when normal.

No. of Pages: 37 No. of Claims: 10

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: EPOXY RESIN COMPOSITIONS

(51) International classification	:C08G59/40,C08L63/00	(71)Name of Applicant:
(31) Priority Document No	:13/168174	1)AIR PRODUCTS AND CHEMICALS INC.
(32) Priority Date	:24/06/2011	Address of Applicant :7201 Hamilton Boulevard Allentown
(33) Name of priority country	:U.S.A.	Pennsylvania 18195 1501 U.S.A.
(86) International Application No	:PCT/CN2012/076575	(72)Name of Inventor:
Filing Date	:07/06/2012	1)PATEL Pritesh G.
(87) International Publication No	:WO 2012/174989	2)LUCAS Peter Andrew
(61) Patent of Addition to Application	:NA	3)LI Jian
Number	:NA	4)RAYMOND Williams Ren Edouard
Filing Date	.11/1	5)MINNICH Kristen Elaine
(62) Divisional to Application Number	:NA	6)LAL Gauri Sankar
Filing Date	:NA	

(57) Abstract:

An epoxy resin composition having a curing component and an epoxy component is disclosed. The curing component includes an amount of about 8% to about 70% by weight of the composition of a primary curing agent and about 0.001% to about 5% by weight of the composition of a secondary curing agent. The epoxy composition also includes about 30% to about 92% by weight of the composition of the epoxy component. A number of equivalents of reactive curative groups in the curing component is from about 0.50 to 0.98 times the number of epoxide equivalents present in the epoxy component. An epoxy product formed from the epoxy resin composition is also disclosed.

No. of Pages: 48 No. of Claims: 37

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHODS AND DEVICES FOR PROGNOSIS OF CANCER RELAPSE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01N 33/00 :PA 2011 00416 :01/06/2011 :Denmark :PCT/EP2012/002332 :01/06/2012 :WO 2012/163541 :NA :NA	(71)Name of Applicant: 1)MEDICAL PROGNOSIS INSTITUTE A/S Address of Applicant: Venlighedsvej 1 DK 2970 Horsholm Denmark (72)Name of Inventor: 1)KNUDSEN Steen 2)MAZIN Wiktor
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(57) Abstract:

The present invention features microRNAs as biomarkers for prognosing cancer relapse in cancer patient. The present invention also features methods devices and kits for this purpose.

No. of Pages: 41 No. of Claims: 53

(21) Application No.9461/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :26/11/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention: 2 (2 4 5 SUBSTITUTED ANILINO) PYRIMIDINE DERIVATIVES AS EGFR MODULATORS USEFUL FOR TREATING CANCER

(51) International :C07D401/02,C07D471/04,A61K31/506

classification

(31) Priority Document :61/512061

(32) Priority Date :27/07/2011 (33) Name of priority

country

:U.S.A. (86) International

Application No

:PCT/GB2012/051783 :25/07/2012

Filing Date

(87) International

:WO 2013/014448

Publication No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

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

(71)Name of Applicant:

1)ASTRAZENECA AB

Address of Applicant :SE 151 85 Sdertlje Sweden

(72)Name of Inventor:

1)BUTTERWORTH Sam

2)FINLAY Maurice Raymond Verschovle

3)WARD Richard Andrew

4)KADAMBAR Vasantha Krishna

5)CHINTAKUNTLA Chandrasekhara Reddy

6)MURUGAN Andiappan

7) REDFEARN Heather Marie

8) CHUAOUI Claudio Edmundo

(57) Abstract:

The present invention relates to certain 2 (2 4 5 substituted anilino) pyrimidine compounds and pharmaceutically acceptable salts thereof which may be useful in the treatment or prevention of a disease or medical condition mediated through certain mutated forms of epidermal growth factor receptor (for example the L858R activating mutant the Exonl9 deletion activating mutant and the T790M resistance mutant). Such compounds and salts thereof may be useful in the treatment or prevention of a number of different cancers. The invention also relates to pharmaceutical compositions comprising said compounds and salts thereof especially useful polymorphic forms of these compounds and salts intermediates useful in the manufacture of said compounds and to methods of treatment of diseases mediated by various different forms of EGFR using said compounds and salts thereof.

No. of Pages: 190 No. of Claims: 16

(22) Date of filing of Application :26/11/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : GROUND IMPROVEMENT METHOD AND SYSTEM FOR MANAGING CONSTRUCTION IN GROUND IMPROVEMENT METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E02D3/12 :2011118234 :26/05/2011 :Japan :PCT/JP2012/063387 :24/05/2012 :WO 2012/161282 :NA :NA :NA	(71)Name of Applicant: 1)Fudo Tetra Corporation Address of Applicant: 7 2 Nihonbashi Koami cho Chuo ku Tokyo 1030016 Japan 2)SHIMIZU CORPORATION 3)AOMI CONSTRUCTION CO. LTD. (72)Name of Inventor: 1)FUKADA Hisashi 2)TAKAHASHI Tatsuo 3)KAMIMURA Kazuyoshi 4)TONISHI Yukio 5)TAKAHASHI Tsuyoshi 6)KAMI Chikashi
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(57) Abstract:

A ground improvement method in which a screw rod (3) provided with a stirring blade (2) is inserted into the ground to a predetermined depth while rotating without a ground improvement material being injected and the screw rod is extracted while the ground is stirred and mixed using the stirring blade while the screw rod is rotated and the ground improvement material is injected therefrom. The number of rotations of the stirring blade when the screw rod is inserted and the ground improvement material is not injected is included in the number of rotations of the stirring blade when the screw rod is removed and the ground improvement material is injected and taken to be an adjusted number of blade rotations. The adjusted blade rotation number is set on the basis of the target ground improvement body strength variation coefficient from a predefined relationship between the ground improvement body strength variation coefficient and the adjusted number of blade rotations. Ground improvement is performed using the set adjustment number of blade rotation as a construction management category. It is thereby possible to improve construction efficiency while ensuring adequate construction quality.

No. of Pages: 54 No. of Claims: 10

(22) Date of filing of Application :29/11/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : DEVICE FOR CONNECTION BETWEEN A RECIPIENT AND A CONTAINER AND METHOD FOR ASSEMBLING AND USING SUCH A DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:05/06/2012 :WO 2012/168235 :NA :NA :NA	(71)Name of Applicant: 1)BIOCORP RECHERCHE ET DEVELOPPEMENT Address of Applicant: Biopole Clermont Limagne F 63360 Saint Beauzire France (72)Name of Inventor: 1)ANEAS Antoine
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

The invention relates to a device (10) for connection between a recipient having a neck closed by a perforatable stopper and a container to be provided with a needle (62). Said device comprises a base (20) on which the container can be mounted said base defining a central bore (26) and comprising means (22) for mounting on the recipient. A needle (62) pertaining to a sub set (60) that is engaged in the central bore (26) forming part of the connection device (10) and is to be mounted on the container is arranged in the central bore (26) parallel to a longitudinal axis (X26) of said bore. A sealing sleeve (40) is arranged in the central bore (26) around the needle (62) and in contact therewith. The base (20) is a single component and comprises a body (28) for perforating the stopper said body extending from an intermediate wall (21) of the base away from the central bore (26) parallel to the central axis (X26) of the bore and up to a distal end (282). The perforating body (28) is hollow and the inner space (V28) thereof communicates with the central bore (26) and with a space (V22) that radially surrounds the distal end (282) of the perforating body.

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

(22) Date of filing of Application :29/11/2013

(21) Application No.9606/CHENP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: SYSTEM FOR CONNECTING A PROTABLE DEVICE TO AN APPARATUS DOCKING APPARATUS COMPRISING SAID SYSTEM

(51) International classification :G06F1/16 (71)Name of Applicant: (31) Priority Document No :PCT/CN2011/000934 1)KONINKLIJKE PHILIPS N.V. (32) Priority Date :03/06/2011 Address of Applicant : High Tech Campus 5 NL 5656 AE (33) Name of priority country Eindhoven Netherlands :China (86) International Application No :PCT/IB2012/052751 (72)Name of Inventor: Filing Date :31/05/2012 1)LEE Kwok Lai (87) International Publication No :WO 2012/164526 2)LUI Ka Man Raymond (61) Patent of Addition to Application :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

(19) INDIA

The invention relates to a system for connecting a portable device to an apparatus. The system comprises a bracket (22) for receiving a plug (21) intended to connect said portable device. The system also comprises: a first rotation mechanism for rotating the bracket (22) with respect to a first axis (A1) a second rotation mechanism for rotating the bracket (22) with respect to a second axis (A2) the second axis (A2) being perpendicular to the first axis (A1) and a sliding mechanism for translating the bracket (22) along a third axis (A3) the third axis (A3) being parallel to the second axis (A2). This system defines a universal docking mechanism which allows users to easily dock various portable devices having different sizes and different locations and orientations of the plug (e.g. micro USB socket).

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

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PRESSURE ADJUSTMENT IN A RESPIRATORY THERAPY DEVICE

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (88) International Application No Substitute (1900) Substitute (Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:23/05/2012 :WO 2012/164445 :NA :NA	1)SHELLY Benjamin Irwin 2)KANE Michael Thomas 3)MATTHEWS Gregory Delano
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(57) Abstract:

Sleep apnea can be treated with pressure support therapy using a target pressure level. Detected respiratory events during consecutive multi session testing period are compared to determine statistical metrics covering gradual changes in therapy efficiency. Adjustments to the target pressure level are based on changes in variability and maybe made in between therapy sessions.

No. of Pages: 31 No. of Claims: 16

(22) Date of filing of Application :29/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: THREE DIMENSIONAL IMAGING DATA VIEWER AND/OR VIEWING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:21/05/2012 :WO 2012/164430 :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)GOTMAN Shlomo
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A method includes displaying three dimensional medical imaging data in three dimensions via a display monitor (134) by generating and visually presenting a stereoscopic view of the three dimensional medical imaging data in the display monitor. A system includes a stereo processor (114) that processes three dimensional medical imaging data and generates two images from two different viewpoints which are shifted from each other by a predetermined distance and are angled by a predetermined angle and a display monitor (134) used to alternately display the two images thereby creating a stereoscopic view.

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

(22) Date of filing of Application :22/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LIQUID FLOW PATH CONTROL DEVICE FOR DRIVE DEVICE FOR VEHICLE

(51) International :F16H57/04,B60K6/387,B60K6/442

classification .F10H3//04,B00K0/38/,B00K0/44.

(31) Priority Document No :2010187539 (32) Priority Date :24/08/2010 (33) Name of priority country :Japan

(86) International Application :PCT/JP2011/064791

Filing Date :28/06/2011

(87) International Publication :WO 2012/026204

(61) Patent of Addition to

Application Number
Filing Date
(20) Print Print

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

(71)Name of Applicant :

1)HONDA MOTOR CO. LTD.

Address of Applicant :1 1 Minami Aoyama 2 chome Minato

ku Tokyo 1078556 Japan (72)Name of Inventor:
1)HOSHINOYA Takeshi

2)NAKAYAMA Shigeru

(57) Abstract:

A liquid flow path control device is provided with: a liquid supply device for supplying liquid to a hydraulic connection and disconnection means and a section to which the liquid to be supplied; and a flow path changeover valve either disposed in a liquid flow path for connecting the liquid supply device and the section to which the liquid is to be supplied or disposed so as to bridge between the liquid flow path and a liquid pressure path which connects the liquid supply device and the hydraulic connection and disconnection means. The flow path changeover valve is provided with: a valve element capable of being switched between a first operation position and a second operation position; a restoration means for pressing the valve element from the second operation position in the direction toward the first operation position; and a liquid chamber for storing the liquid for pressing the valve element from the first operation position in the direction toward the second operation position. The liquid chamber is connected to the liquid supply device when the valve element is located at the first and second operation positions. The liquid flow path has different flow path resistance when the valve element is at the first operation position and when the valve element is at the second operation position.

No. of Pages: 103 No. of Claims: 19

(19) INDIA

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

(21) Application No.1470/CHENP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: PROCESS FOR HYDROTREATING A HYDROCARBON CUT WITH A BOILING POINT OF MORE THAN 250°C IN THE PRESENCE OF A SULFIDE CATALYST PREPARED USING A CYCLIC OLIGOSACCHARIDE

(51) International

:C10G45/08,B01J23/652,B01J23/85

classification

(31) Priority Document No :1003192

(32) Priority Date

:29/07/2010

(33) Name of priority country: France

No

(86) International Application :PCT/FR2011/000368

:24/06/2011

Filing Date

(87) International Publication :WO 2012/022850

(61) Patent of Addition to :NA **Application Number** :NA

Filing Date

(62) Divisional to Application :NA Number :NA

Filing Date

(71)Name of Applicant:

1)IFP ENERGIES NOUVELLES

Address of Applicant :1 et 4 avenue de Bois Prau F 92852

Rueil Malmaison Cedex France

(72)Name of Inventor:

1)DIEHL Fabrice

2)DEVERS Elodie

3)MARCHAND Karin

4)GUICHARD Bertrand

(57) Abstract:

The invention relates to a method for preparing a catalyst containing at least one Group VIII metal at least one Group VIB metal and at least one support wherein the method includes in series: i) one of the steps selected from among: i1) a step of placing a precatalyst containing said Group VIII metal said Group VIB metal and said support in contact with a cyclic oligosaccharide containing at least six glucopyranose subunits bonded at a (14); a step i2) of placing the support in contact with a solution containing a precursor of said Group VIII metal a precursor of said Group VIB metal and a cyclic oligosaccharide containing at least six glucopyranose subunits bonded at a (14); and i3) a first step of placing said support in contact with a cyclic oligosaccharide containing at least six glucopyranose subunits bonded at a (14) followed by a second step of placing the solid from the first step in contact with a precursor of said Group VIII metal and a precursor of said Group VIB metal; ii) a drying step; and iii) a heat treatment step.

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

(22) Date of filing of Application :06/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: IMAGE ENCODING METHOD IMAGE DECODING METHOD IMAGE ENCODING DEVICE IMAGE DECODING DEVICE AND IMAGE ENCODING/DECODING DEVICE

(71) I	1104317/07	(71) 81
(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:61/445258	1)PANASONIC CORPORATION
(32) Priority Date	:22/02/2011	Address of Applicant :1006 Oaza Kadoma Kadoma shi Osaka
(33) Name of priority country	:U.S.A.	5718501 Japan
(86) International Application No	:PCT/JP2012/001168	(72)Name of Inventor:
Filing Date	:21/02/2012	1)LIM Chong Soon
(87) International Publication No	:WO 2012/114725	2)WAHADANIAH Viktor
(61) Patent of Addition to Application	:NA	3)NAING Sue Mon Thet
Number	*	4)NISHI Takahiro
Filing Date	:NA	5)SHIBAHARA Youji
(62) Divisional to Application Number	:NA	6)SASAI Hisao
Filing Date	:NA	7)SUGIO Toshiyasu

(57) Abstract:

Provided is an image encoding method enabling an improvement in encoding efficiency using adaptive bit depth. The image encoding method that encodes an image and generates an encoded stream comprises: a first write step (S1001) for writing a first parameter indicating a first bit depth which is the bit depth of a reconstructed sample of the image to a sequence parameter set in the generated encoded stream; and a second write step (S1002) for writing a second parameter that is different to the first diameter and that indicates a second bit depth which is the bit depth of an Intra Pulse Code Modulation (IPCM) sample of the image to the sequence parameter set.

No. of Pages: 100 No. of Claims: 20

(22) Date of filing of Application :24/01/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: MULTI PHASE TRANSFORMER AND TRANSFORMATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:H01F30/12 :2010168543 :27/07/2010 :Japan :PCT/JP2011/004149 :22/07/2011 :WO 2012/014424 :NA	(71)Name of Applicant: 1)KABUSHIKI KAISHA KOBE SEIKO SHO Address of Applicant: 10 26 Wakinohama cho 2 chome Chuo ku Kobe shi Hyogo 6518585 Japan (72)Name of Inventor: 1)INOUE Kenichi 2)MIYAZAKI Takayoshi 3)ZAITSU Kyoji
	:NA :NA :NA :NA	l '

(57) Abstract:

Provided are a multi-phase transformer having an easier-producible structure, and a transformation system wherein a plurality of such transformers are serially connected. Disclosed is a three-phase transformer (Tra) provided with three coils (1u, v, 1w) and a pair of magnetic members (21, 22) respectively provided on opposite ends in the axial direction of the coils (1u, 1v, 1w), wherein the coils (1u, 1v, 1w) are respectively provided with first and second sub-coils (11u, 12u; 11v, 12v; 11w, 12w).

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

(21) Application No.8986/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :07/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PIEZOELECTRIC PRINTHEAD TRACE LAYOUT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application 	:B41J2/175,B41J2/145,B41J2/045 :NA :NA :NA :PCT/US2011/042271 :29/06/2011 :WO 2013/002775 :NA :NA	(71)Name of Applicant: 1)HEWLETT PACKARD DEVELOPMENT COMPANY L.P. Address of Applicant:11445 Compaq Center Drive W. Houston Texas 77070 U.S.A. (72)Name of Inventor: 1)SCHEFFELIN Joseph E. 2)CRUZ URIBE Tony S.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A piezoelectric printhead trace layout includes an actuator die bond pads along two side edges of the actuator die rows of piezoceramic actuators between the two side edges drive traces emanating from the bond pads toward the center of the actuator die a ground bus extended along the center of the actuator die between two end edges of the actuator die and ground traces emanating from the ground bus outward toward the two side edges.

No. of Pages: 40 No. of Claims: 16

(22) Date of filing of Application :22/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: COMPOSITE MATERIALS COMPRISING POLYAMIDES AND FLUOROELASTOMERS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:21/05/2012 :WO 2012/166411 :NA :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)CORVELEYN Steven G.
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A composite material comprising a first component directly bonded to a second component the first component comprising a peroxide cured fluoroelastomer having a temperature reflection TR 10 of 19C or lower as measured according to ASTM D 1329 and the second component comprising a polyamide resin and methods of making such composite materials and shaped articles containing the composite materials.

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

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ADJUSTABLE LOCKING FOREHEAD SUPPORT FOR A PATIENT INTERFACE DEVICE

(51) International classification	:A61M16/06	(71)Name of Applicant:
(31) Priority Document No	:61/486807	1)KONINKLIJKE PHILIPS N.V.
(32) Priority Date	:17/05/2011	Address of Applicant :High Tech Campus 5 NL 5656 AE
(33) Name of priority country	:U.S.A.	Eindhoven Netherlands
(86) International Application No	:PCT/IB2012/052083	(72)Name of Inventor:
Filing Date	:26/04/2012	1)ROTHERMEL Justin Edward
(87) International Publication No	:WO 2012/156845	2)ANGERT Justin Eric
(61) Patent of Addition to Application	:NA	3)HAIBACH Richard Thomas
Number	:NA	4)HIEBER Robert Earl
Filing Date	.1171	5)ZEDIKER Chad
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A patient interface device (8) includes a patient sealing assembly (12) including a cushion (14) and a frame member (16) and an adjustable forehead support assembly (26) provided at the distal end (24) of the frame member. The assembly includes an adjustment mechanism (28) coupled to a forehead cushion (30) the adjustment mechanism including a housing (32) a forehead cushion support member (52) having a base portion (58) and an elongated post member (60) extending from the base portion and received within the housing and a locking member (54 56) structured to be selectively coupled to the elongated post member. In the locked condition the locking member engages the elongated post member and prevents the elongated post member from moving relative to the housing and in the unlocked condition the locking member does not engage the elongated post member such that the elongated post member and the housing are freely linearly movable with respect to one another.

No. of Pages: 46 No. of Claims: 19

(21) Application No.2238/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SOLAR POWERED TRAIN RESERVATION CHART LIGHT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)S. RAJENDRAN Address of Applicant:12/22, VIVEKANDAR STREET, ANNAI ANJUGAM NAGAR, GKM COLONY, CHENNAI - 600 082 Tamil Nadu India (72)Name of Inventor: 1)S. RAJENDRAN
Filing Date (62) Divisional to Application Number	:NA :NA :NA	
Filing Date	:NA	

(57) Abstract:

SOLAR POWERED TRAIN RESERVATION CHART LIGHT USING LIGHT EMITTING DIODES FOR ILLUMINATING THE RESERVATION CHART DURING NIGHT TIME. THE DEVICE USES A PHOTO VOLTAIC CELLS TO CHARGE A NICAL CADMIUM RECHARGEABLE BATTERY WHICH IN TURN POWERS THE LIGHT EMITTING DIODES. A PUSH BUTTON SWITCH IS PROVIDED TO TURN ON THE LIGHT FOR A SPECIFIC DURATION AFTER WHICH THE LIGHT WILL AUTOMATICALLY TURN OFF.

No. of Pages: 3 No. of Claims: 1

(22) Date of filing of Application :14/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: PSAM FOR A COMPATIBLE TRANSPORTATION CARD, AND PSAM OPERATING METHOD

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:NA :NA :NA	(71)Name of Applicant: 1)KOREA INSTITUTE OF CONSTRUCTION & TRANSPORATATION TECHNOLOGY EVALUATION AND PLANNING Address of Applicant: SHINGCHANG B/D, 1600, KWANYANG-DONG, DONGAN-GU, ANYANG-SI, GYEONGGIDO 431-060 Republic of Korea (72)Name of Inventor: 1)LEE, KI HAN
Filing Date	:NA	

(57) Abstract:

The present invention relates to a purcharge secure application module (PSAM) for a transportation card compatible throughout a country, and to a method for operating the PSAM for a transportation card. The PSAM for a transportation card according to the present invention includes an information storage unit, a PSAM control unit, and an information transfer unit. Also, the method for operating the PSAM for a transportation card according to the present invention comprises: a PSAM operating method for a transportation card, for performing a payment transaction using a transportation card; a PSAM operating method for a transportation card, for performing a transaction cancellation using a transportation card; a PSAM operating method for a transportation card, for collecting total amount transaction details of a transportation card and transmitting same to a collecting SAM. The PSAM for a transportation card compatible throughout the country and the method for operating the PSAM for a transportation card according to the present invention can accelerate the widespread use of electronic money by alleviating the inconvenience of users having to carry a plurality of transportation cards and by expanding the areas in which electronic money, which is the payment means of a transportation card, is used. 46

No. of Pages: 51 No. of Claims: 13

(19) INDIA

(22) Date of filing of Application: 13/11/2013 (43) Publication Date: 28/11/2014

:NA

(54) Title of the invention: MOBILE DEVICE AND BRACKET THEREOF

(51) International classification	:H04M1/12	(71)Name of Applicant:
(31) Priority Document No	:201220193065.9	1)HUAWEI DEVICE CO. LTD.
(32) Priority Date	:28/04/2012	Address of Applicant :Building B2 Huawei Industrial Base
(33) Name of priority country	:China	Bantian Longgang Shenzhen Guangdong 518129 China
(86) International Application No	:PCT/CN2013/074397	(72)Name of Inventor:
Filing Date	:19/04/2013	1)LIANG Daixi
(87) International Publication No	:WO 2013/159674	
(61) Patent of Addition to Application	:NA	
Number		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	

(21) Application No.9128/CHENP/2013 A

(57) Abstract:

Filing Date

Disclosed are a mobile device and a bracket thereof. The present invention relates to the mobile device design and the manufacture field and is used to make the mobile device itself integrating with a bracket. The bracket is a scalable pull rod. The bottom end of the scalable pull rod is used to fix in the mobile device and at least one shaft is arranged on the scalable pull rod; when the scalable pull rod is in the status of completely or partly extended by bending the shaft at least one of all the supporting points of the scalable pull rod is used to contact the mobile device. Another at least one of said supporting points is used to contact the surface on which the mobile device is placed; all the supporting points of the scalable pull rod comprise the top end of the scalable pull rod and all the shafts arranged on the scalable pull rod. The solution provided by the present invention applies to mobile device design and manufacture

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

(22) Date of filing of Application :11/01/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ARCHITECTURAL LEVEL POWER AWARE OPTIMIZATION AND RISK MITIGATION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:11/07/2011 :WO 2012/009295 :NA :NA :NA	(71)Name of Applicant: 1)ALGOTOCHIP CORPORATION Address of Applicant: 530 Lakeside Drive Suite 260 Sunnyvale CA 94085 4064 U.S.A. (72)Name of Inventor: 1)DURBHA Ananth 2)NG Pius 3)OBLOCK Gary 4)KADIYALA Suresh 5)PADMANABHAN Satish
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Systems and methods are disclosed to automatically synthesize a custom integrated circuit by receiving a specification of the custom integrated circuit including computer readable code and generating a profile of the computer readable code to determine instruction usage; automatically generating a processor architecture uniquely customized to the computer readable code the processor architecture having one or more processing blocks to implement one or more instructions; determining an instruction execution sequence based on the code profile and reassigning the instruction sequence to spread operation to different blocks on the IC to reduce hot spots; and synthesizing the generated processor chip specification into a computer readable description of the custom integrated circuit for semiconductor fabrication.

No. of Pages: 52 No. of Claims: 20

(22) Date of filing of Application :02/12/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: STEERING CONTROLLER AND STEERING-SPEED DETECTION METHOD

(51) 7		(71)
(51) International classification	:A47L	(71)Name of Applicant:
(31) Priority Document No	:2013-	1)MITSUBISHI ELECTRIC CORPORATION
(31) Thomas Bocument 10	110812	Address of Applicant :7-3, MARUNOUCHI 2-CHOME,
(32) Priority Date	:27/05/2013	CHIYODA-KU, TOKYO 100-8310 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)TODA, TAIZO
Filing Date	:NA	2)OGAWA, KENJI
(87) International Publication No	: NA	3)ENDO, MASAYA
(61) Patent of Addition to Application Number	:NA	4)KIMPARA, YOSHIHIKO
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The steering controller includes steering-speed computing section (12) for obtaining a first steering speed based on a current and a voltage from current sensor (9) and voltage sensor (10), computing a correction value for the first steering speed based on a detected steering angle, and correcting the first steering speed by using the correction value to output the corrected first steering speed as a steering speed, first steering-assist-torque computing section (15) for obtaining a first steering assist torque for returning a steering system to a neutral position based on the steering speed, second steering-assist-torque computing section (17) for obtaining a second steering assist torque for assisting a drivers steering based on a drivers steering torque detected by torque sensor (5), and current driver (19) for driving a motor based on the first and second steering assist torques.

No. of Pages: 48 No. of Claims: 12

(21) Application No.8969/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :08/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FACE LOCATION DETECTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:23/04/2012 :WO 2012/147027 :NA :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)VAN BREE Karl Catharina 2)VLUTTERS Ruud 3)ZNAMENSKIY Dmitry Nikolayevich
Filing Date	:NA	

(57) Abstract:

The location of a face is detected from data about a scene. A 3D surface model from is obtained from measurements of the scene. A 2D angle data image is generated from the 3D surface model. The angle data image is generated for a virtual lighting direction the image representing angles between a ray directions from a virtual light source direction and normal to the 3D surface. A 2D face location algorithm is applied to each of the respective 2D images. In an embodiment respective 2D angle data images for a plurality of virtual lighting directions are generated and face locations detected from the respective 2D images are fused.

No. of Pages: 18 No. of Claims: 16

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: LIQUID LEVEL SENSOR WITH INFRARED SENSOR ELEMENT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)PRICOL LIMITED Address of Applicant: CPM TOWERS, 109, RACE COURSE, COIMBATORE - 641 018 Tamil Nadu India (72)Name of Inventor: 1)N. ANANDARAJ
Filing Date (87) International Publication No		` /
(61) Patent of Addition to Application NumberFiling Date(62) Divisional to Application NumberFiling Date	:NA :NA :NA	

(57) Abstract:

The present invention related to sensing device used for sensing the level of the liquid in a liquid storage system. The sensing device according to the invention is a non contact type and uses infrared red elements comprising emitter and receiver which are mounted on the PCB one above the other at a pre-defined spacing between them. The infra red element comprises a first and a second vertical wall to accommodate the emitter and the receiver. A float is disposed which according to the level of liquid move upwards or downwards. The float comprises a flat portion which intercepts the infrared elements receiver arranged at a particular level and a signal is generated and transmitted to a gauge/engine control unit (ECU) to indicate the liquid level.

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

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: GEAR POSITION SENSING IN GEAR SHIFTER BY USING INFRARED SENSOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:F16H59/04 :NA :NA :NA :NA :NA : NA : NA	(71)Name of Applicant: 1)PRICOL LIMITED Address of Applicant: CPM TOWERS, 109, RACE COURSE, COIMBATORE - 641 018 Tamil Nadu India (72)Name of Inventor: 1)N. ANANDARAJ
· /		
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to gear selector rod sensing arrangement for automobiles. The sensing device according to the invention is a non contact type and uses infrared red elements comprising emitter and receiver which are mounted on a PCB. A blade comprising a flat portion capable of passing between an emitter and receiver of the infra red sensor is rigidly fitted to the gear shifter rod. The movement of the blade activates a signal which is processed by the electronic circuit to generate an output signal which is used as an input to display device located in dash board of vehicle to indicate the selected gear position.

No. of Pages: 15 No. of Claims: 7

(19) INDIA

(22) Date of filing of Application :25/10/2013

(21) Application No.8593/CHENP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: SYSTEM FOR PROVIDING CLINICAL INFORMATION IN REAL TIME METHOD FOR PROVIDING CLINICAL INFORMATION IN REAL TIME AND STORAGE MEDIUM ON WHICH A PROGRAM PERFORMING SAME IS RECORDED

(51) International classification	:G06F 19/00	(71)Name of Applicant :
(31) Priority Document No	:1020110035103	1)MEDINBIZ. CO. LTD.
(32) Priority Date	:15/04/2011	Address of Applicant :603 Namyoung Bldg 284 49 Seoungsu
(33) Name of priority country	:Republic of Korea	2GaSeoungdong gu Seoul 133 123 Republic of Korea
(86) International Application No	:PCT/KR2011/005873	(72)Name of Inventor:
Filing Date	:11/08/2011	1)KIM Nam Ju
(87) International Publication No	:WO 2012/141386	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract:		<u> </u>

(57) Abstract:

The present invention relates to a system for providing clinical information in real time to a method for providing clinical information in real time and to a storage medium on which a program performing same is recorded. According to the present invention provided are a system for providing clinical information in real time a method for providing clinical information in real time and a storage medium on which a program performing same is recorded wherein the system is characterized by comprising: a hospital server allocating unique code information to store inputted clinical information and outputting a code pattern corresponding to the code information; a terminal interpreting the outputted code pattern to extract the code information; and a central server provided with an information extraction unit which extracts from the hospital server the code information extracted from the terminal and the clinical information to which the same code information is allocated and transmits same to the terminal. According to the present invention the advantage of providing ultrasonic images of an unborn child in real time without an additional storage medium is that the level of clinical service provided to a pregnant woman and her family can be improved.

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

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: UNIVERSAL BUSBAR SUPPORT ASSEMBLY

(51) International classification(31) Priority Document No(32) Priority Date	:F16D :NA :NA	(71)Name of Applicant: 1)SCHNEIDER ELECTRIC INDUSTRIES SAS Address of Applicant: 35, RUE JOSEPH MONIER, F-92500
(33) Name of priority country	:NA	RUEIL MALMAISON France
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PRADEEP MUNIRAJU
(87) International Publication No	: NA	2)GANESH BABURAO RAYKAR
(61) Patent of Addition to Application Number	:NA	3)GAUTAM LALANKERE SHIVALINGU
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The busbar support assembly is provided with a set of jaw assembly having fixed jaws and movable jaws. A screw connecting rod is passed through the connecting holes in the fixed jaws and the movable jaws such that the connecting rod aligns and connects the fixed jaws and movable jaws in a mating position. The fixed jaw connecting hole diameter is made larger than the movable jaw connecting hole diameter, such that the fixed jaw is delinked with the rotation screw rod. The movable jaws are tightened though a nut in the screw connecting rod, such that the fixed jaws and movable jaws mate and hold busbars. The fixed jaws and movable jaws are bolted through a recess in a C channel such that the fixed jaws and movable jaws travel horizontally inside the C channel. The fixed Jaw is manually pushed against the busbars and tightened to the C-Channel through bolt and nuts. Adequate torque is applied on the screw rod to tighten the movable jaws. Once the movable jaw is completely mated with the busbars it is tightened to the C-Channel.

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

(19) INDIA

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

(21) Application No.1457/CHENP/2013 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: HANDHELD DEVICE FORCE INDUCTION

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:24/08/2011 :WO 2012/027488 :NA :NA :NA	(71)Name of Applicant: 1)QUALCOMM Incorporated Address of Applicant: Attn: International IP Administration 5775 Morehouse Drive San Diego CA 92121 1714 U.S.A. (72)Name of Inventor: 1)GREGORY Sherman A. 2)RENSCHLER Martin H.
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Techniques for providing directional force induction in a handheld device for use in e.g. personal navigation applications. In an exemplary embodiment a magnetic element is provided on a mechanical support fixedly attached to a chassis of the handheld device. One or more conducting coils surround the support. Current is generated in the one or more conducting coils to accelerate the magnetic element relative to the support causing a tactilely perceptible force to a user of the handheld device due to the recoil of the chassis from the movement of the magnetic element. In an exemplary embodiment passive movement of the magnetic element due to e.g. physical jostling of the handheld device may be used to deliver energy back to the system for energy harvesting.

No. of Pages: 39 No. of Claims: 22

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : ZINC SULPHATE HEPTAHYDRATE PRODUCT AND A METHOD FOR PREPARATION OF THE SAME

(5) 1	C22D12/00	(71)NJ 6 A 19
(51) International classification	:C22B13/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)JATISH SHETH
(32) Priority Date	:NA	Address of Applicant :#11-A, TALLAM RESIDENCY, #11
(33) Name of priority country	:NA	SERPENTINE ROAD, KUMARA PARK (WEST),
(86) International Application No	:NA	BANGALORE - 560 020 Karnataka India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)JATISH SHETH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a storable and stable zinc sulphate heptahydrate product and a method for preparation of the storable and stable zinc sulphate heptahydrate product. More specifically, the present invention relates to a method of converting zinc sulphate heptahydrate in to pellet or granule form, which is spherical in nature. The method of the present invention helps to retain the zinc sulphate heptahydrate quality with minimal loss on storage or handling. Moisture content of zinc sulphate heptahydrate is reduced by addition of dicalcium phosphate.

No. of Pages: 12 No. of Claims: 7

(22) Date of filing of Application :26/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: ANALOG POINTING KEY STRUCTURE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:30/08/2010	(71)Name of Applicant: 1)NEC CORPORATION Address of Applicant: 7-1, SHIBA 5-CHOME, MINATO-KU, TOKYO 108-8001 Japan (72)Name of Inventor: 1)YOSHIDA, TAKAYA
(87) International Publication No	:WO 2011/040162 A1	
 (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA :NA :NA	

(57) Abstract:

An analog pointing key structure includes a rigid body key top; a surrounding member having a hole for exposing the key top; a support member, to which the key top is fixed, having an elastic returning part that permits the key top to move in a direction along a surface thereof and to cancel the movement; a ring-form magnetic member fixed to the support member on a back surface of the surrounding member so as to be interposed between the key top and the returning part; a magnetic sensor that measures a change in magnetic flux density due to displacement of the magnetic member which moves together with the key top; a ring-form screen plate provided on a surface of the magnetic member so that an inner-peripheral part of the plate is positioned within the above hole; a key top support plate, to which the key top is attached, an outer-peripheral part of the support plate being positioned on a back surface of the screen plate, and the support plate having an outer diameter larger than an inner diameter of the screen plate, and; an elastic member, fixed to a back surface of the support member, permitting the key top to move in a thickness direction of the support member and to cancel the movement.

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

(21) Application No.2218/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :21/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SENSOR FOR DETECTION OF A TARGET OF INTEREST

(51) Intermedianal alegains	01	(71) NT
(51) International classification	•	(71)Name of Applicant :
(31) Priority Document No	:NA	1)NATIONAL TAIWAN UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :#1, SEC. 4, ROOSEVELT ROAD,
(33) Name of priority country	:NA	TAIPEI 10617 Taiwan
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)SHIMING LIN
(87) International Publication No	: NA	2)SI-CHEN LEE
(61) Patent of Addition to Application Number	:NA	3)LUAN-YIN CHANG
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

Embodiments of the present disclosure set forth an apparatus of a sensor for detecting a target of interest. One example apparatus may comprise a substrate, a material disposed on the substrate and a probe disposed on the material. The probe is configured to bind to the target of interest and scatter light emitted from a light source when the target of interest is bound to the probe.

No. of Pages: 41 No. of Claims: 30

(22) Date of filing of Application :05/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : SYSTEMS AND METHODS OF INTEGRATING OPENID WITH A TELECOMMUNICATIONS NETWORK

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:h04l :13/161028 :15/06/2011 :U.S.A. :PCT/US2012/042629 :15/06/2012 :WO 2012/174354 :NA	(71)Name of Applicant: 1)ORACLE INTERNATIONAL CORPORATION Address of Applicant:500 Oracle Parkway M/S 5op7 Redwood Shores California 94065 U.S.A. (72)Name of Inventor: 1)POLLOCK Jason
	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A solution is described which allows mobile devices to specify that certain sites are allowed to be logged into based on the device credentials alone. The solution integrates OpenID with a telecommunications network in order to verify the user's identity. This verification is based on the trust that the telecom carrier has to identify the subscriber at the GGSN. The solution splits the OpenID Provider (OP) into two systems an internal OP and an external OP. The external OP can reside in the public network and can allow the user to authenticate with a password. The internal OP resides in the private network of the carrier and is directly connected to the GGSN such that it is only reachable from the GGSN.

No. of Pages: 22 No. of Claims: 19

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : CONNECTIVITY CONTROL OF PHOTOVOLTAIC GENERATORS VIA POWER LINE COMMUNICATION

(51) International classification :H02J3/38,H02H7/20,H02J7/35 (71)Name of Applicant : (31) Priority Document No 1)SENSATA TECHNOLOGIES MASSACHUSETTS INC. :61/491359 (32) Priority Date Address of Applicant: 529 Pleasant Street Attleboro :31/05/2011 (33) Name of priority country Massachusetts 02703 U.S.A. :U.S.A. (86) International Application No: PCT/US2012/040243 (72)Name of Inventor: Filing Date :31/05/2012 1)KAWATE Keith W. (87) International Publication No :WO 2012/166946 2)PINETTE Christopher E. (61) Patent of Addition to 3)WEZOWICZ John R. :NA **Application Number** 4)MAHER Thomas R. :NA Filing Date 5)ROSE Michael B. (62) Divisional to Application :NA Number :NA Filing Date

(57) Abstract:

A remote resource (240) can be configured to control connectivity of the power generator modules (220 1 220 2 220 N) in a string. For example a respective power generator module (220) can include a current sense circuit (330) that monitors for presence of communication signal (240 S). The power generator module (220) can monitor for a presence of a remotely generated control signal (240 S) over power line (250) that is used by the respective power generator module to convey power to the external load (230). If the control signal (240 S) is present on the power line (250) as generated by the remote resource (240) the control circuit (320) in the respective power generator module (220) activates the switch (350) to an ON state such that respective activated power generator module (220) is connected in series with the other activated power generator modules. If no keep alive control signal (240 S) is detected within a timeout period the controller (320) deactivates the respective power generator module (220).

No. of Pages: 46 No. of Claims: 26

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A METHOD FOR PREDICTING THE OCCURRENCE OF RUNAWAY MODE IN A DIESEL INTERNAL COMBUSTION ENGINE (IC ENGINE)

(51) International classification	:F02D41/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)NIRANJAN MARIYANNA
(62) Divisional to Application Number	:NA	2)ROHIT CHAKRAVARTHY
Filing Date	:NA	

(57) Abstract:

A method for predicting the occurrence of runaway mode in a diesel internal combustion engine (IC engine), comprising the steps sensing (25) an electrical signal that represent the speed of rotation of the crank wheel (24) of said engine; determining (30) a pulse duration for at least one pulse of said crank wheel (24) from said electrical signal; determining (40) a first condition by comparing said pulse duration with a predetermined minimum pulse duration; and predicting (45) said runaway mode of said IC engine depending on said first condition.

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

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : AN ANTI OXIDANT AND ANTI ANXIETY ACTIVITY EXHIBITING POLYHERBAL PHARMACEUTICAL FORMULATION AND METHOD OF PREPARATION THEREOF

(51) International classification	:A61K36/00	(71)Name of Applicant:
(31) Priority Document No	:NA	1)SRI RAMACHANDRA UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :NO 1. RAMACHANDRA NAGAR,
(33) Name of priority country	:NA	PORUR, CHENNAI - 600 116 Tamil Nadu India
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)DURAI PANDIAN CHAMUNDEESWARI
(87) International Publication No	: NA	2)SETTU DINESH KUMAR
(61) Patent of Addition to Application Number	:NA	3)CHEEKALA UMA MAHESWARA REDDY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
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(57) Abstract:

The present invention discloses a polyherbal pharmaceutical formulation exhibiting antioxidant and anti anxiety effect for treating subjects with anxiety disorder. The formulation comprises of therapeutically effective amounts of spray dried root extract of Withania somnifera, spray dried root extract of Hemidesmus indicus, spray dried fruit extract of Aegle marmelos, spray dried pericarp extract of Emblica officinalis, lyophilized aerial part juice of Ocimum sanctum and atleast one suitable pharmaceutically acceptable excipient, additives and carriers.

No. of Pages: 24 No. of Claims: 11

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: AN IMPROVED RICE BRAN BASED NEUTRACEUTICAL PRODUCT

(57) Abstract:

Vitallin plus is a herbal neutraceutical product based on red rice bran with a blend of other neutraceutically and medicinally effective herbs. The product is found clinically safe and effective against various diseases and disorders of body like metabolic syndrome which includes diabetes, dyslipidimia and hypercholestrol, post chemotherapy adjuant supplimentation, general health supplement in geriatric populations and in the pre and post menapausal nutritional supplementHere the unique formula has to be highlighted as the formula keep the formulation more effective and most stabilized and offering a shelf life for a minimum period of 6 months. The process of seperation of bran and its layers are also unique . For the production of vitallin plus we are only using the third layer of rice bran which has a rare blend of phyto constituants.

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

(22) Date of filing of Application :21/11/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : TEXTILE SUBSTRATE MADE OF SEVERAL DIFFERENT DISPOSABLE AND/OR USABLE MATERIALS USE OF SUCH A TEXTILE SUBSTRATE AND METHOD FOR REPROCESSING SUCH A TEXTILE SUBSTRATE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:D03D15/06 :11405266.5 :07/06/2011 :EPO :PCT/CH2012/000125 :06/06/2012 :WO 2012/167394 :NA :NA :NA	(71)Name of Applicant: 1)GESSNER AG Address of Applicant: Florhofstrasse 13 CH 8820 Wdenswil Switzerland (72)Name of Inventor: 1)BAUMELER Alfred
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(57) Abstract:

The invention relates to a textile substrate (1A) comprising a warp and a weft and containing several different disposable and/or usable materials. A first subset of the totality of all warp threads and weft threads contains one or more warp threads (K1(1) K2(1) K3(1)) and one or more weft threads (S1(1)) wherein each warp thread of the first subset and each weft thread of the first subset is made of a first of the different disposable materials. A second subset of the totality of all warp threads (K1(2) K2(2) K3(2)) and weft threads contains one or more warp threads and/or one or more weft threads wherein each warp thread of the second subset and each weft thread of the second subset is made of a second of the different disposable materials. A third subset of the totality of all warp threads and weft threads contains one or more warp threads and/or one or more weft threads (S1(3)) wherein each warp thread of the third subset and each weft thread of the third subset is made of a material (Z) that can be destroyed by means of a chemical and/or physical method. The warp threads and weft threads of the first and second subsets (K1(1) K2(1) K3(1) K1(2) K2(2) K3(2)) are arranged in such a way that said warp threads and weft threads are not bound to one another and thus can be separated if the respective warp threads and/or weft threads (S1(3)) of the third subset are destroyed.

No. of Pages: 98 No. of Claims: 23

(22) Date of filing of Application :27/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: TEMPERATURE CONTROLLED MULTI ZONE MATTRESS STYLE SUPPORT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:A47C21/04 :11305633.7 :23/05/2011 :EPO :PCT/IB2012/052532 :21/05/2012 :WO 2012/160502	(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)BOERSMA Joldert Maria 2)VAN DRIEL Jacqueline
(86) International Application No	:PCT/IB2012/052532	(72)Name of Inventor:
		7
	:WO 2012/160502	2)VAN DRIEL Jacqueline
(61) Patent of Addition to Application	:NA	
Number Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

A system for adjusting the microclimate of a bed environment the system comprising a multi zone mattress style support including a plurality of individual heating zones means for heating the individual heating zones means for cooling the multi zone mattress style support and a plurality of temperature sensors wherein the means for cooling the multi zone mattress style support comprises at least one air duct within the multi zone mattress style support for transporting ambient air through the multi zone mattress style support as well as a method for adjusting the microclimate of a bed environment.

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

(21) Application No.1464/CHENP/2013 A

(19) INDIA

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

(43) Publication Date: 28/11/2014

(54) Title of the invention: PHOSPHINIC ACID HYDRAZIDE FLAME RETARDANT COMPOSITIONS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:C08K5/5399 :61/368272 :28/07/2010 :U.S.A. :PCT/EP2011/062791 :26/07/2011 :WO 2012/013652 :NA :NA :NA	(71)Name of Applicant: 1)BASF SE Address of Applicant:67056 Ludwigshafen Germany (72)Name of Inventor: 1)XALTER Rainer 2)KNIESEL Simon
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(57) Abstract:

The invention relates to flame retardant compositions wherein a phosphinic acid hydrazide is present in a polymer substrate. The combination with >NOR compounds improves the flame retardant properties.

No. of Pages: 55 No. of Claims: 15

(22) Date of filing of Application :01/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: COMPOSITIONS AND PROCESS FOR DETECTION OF MYCOBACTERIA

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:C12Q 01/00 :NA :NA :NA :NA	(71)Name of Applicant: 1)BIGTEC PRIVATE LIMITED Address of Applicant: 2nd Floor Golden Heights 59th C cross 4th M Block Rajaji Nagar Bangalore 560010 Meghalaya India (72)Name of Inventor:
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date	:NA : NA :NA :NA	1)JAGANNATH Manjula 2)MULAKKAPURATH Manoj Narayanan 3)RAMANABHIRAMAN Vinaya 4)NAIR Chandrasekhar Bhaskaran
(62) Divisional to Application Number Filing Date	:NA :NA :NA	5)SUBBARAO Pillarisetti Venkata

(57) Abstract:

The present invention relates to identification and detection of Mycobacterium tuberculosis using a novel set of oligonucleotides and employing nucleic acid amplification assay. The oligonucleotides of the present invention have nucleotide sequences as set forth in SEQ ID NO: 1 SEQ ID NO: 3. The present invention provides a kit for the detection of the M. tuberculosis and also provides a method of detecting M. tuberculosis in a sample using the novel oligonucleotides.

No. of Pages: 48 No. of Claims: 20

(22) Date of filing of Application :21/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : FLEXIBLE MEMBER ADJUSTABLE FOREHEAD SUPPORT CROSS-REFERENCE TO RELATED APPLICA TIONS

(33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application SUSA. PCT/IB2012/052464 (72)Name of I (73)Name of I (74)Name of I (74)Name of I (75)Name	
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(57) Abstract:

A patient interface device includes a patient sealing assembly having a cushion and a frame member having a faceplate portion and an extension portion extending from the faceplate portion. Te cushion is coupled to the faceplate portion. A forehead member engages the forehead of the patient and a flexible elongated member is coupled to the extension portion. A drive assembly selectively causes the second end portion of the flexible elongated member to move relative to the extension portion in a first direction. Movement of the flexible elongated member relative to the extension portion in the first direction causes movement of the frame member relative to the forehead member in a second direction transverse to the first direction.

No. of Pages: 32 No. of Claims: 22

(22) Date of filing of Application :26/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : FACILITATING GROUP ACCESS CONTROL TO DATA OBJECTS IN PEER TO PEER OVERLAY NETWORKS

(51) International classification :H04L29/06 (71)Name of Applicant: (31) Priority Document No 1)OUALCOMM INCORPORATED :13/174532 (32) Priority Date :30/06/2011 Address of Applicant: 5775 Morehouse Drive San Diego (33) Name of priority country California 92121 U.S.A. :U.S.A. (86) International Application No :PCT/US2012/045060 (72)Name of Inventor : Filing Date :29/06/2012 1)MAO Yinian (87) International Publication No :WO 2013/003783 2)NARAYANAN Vidya (61) Patent of Addition to Application 3)SWAMINATHAN Ashwin :NA Number :NA Filing Date (62) Divisional to Application Number :NA Filing Date :NA

(57) Abstract:

Methods and apparatuses are provided for facilitating group access controls in peer to peer or other similar overlay networks. A group administrator may create a group in the overlay network and may assign peer specific certificates to each member of the group for indicating membership in the group. A group member peer node can access data objects in the overlay network using its respective peer specific certificate to authenticate itself as a group member. The authentication is performed by another peer node in the network. The validating peer node can authenticate that the group member is the rightful possessor of the peer specific certificate using a public key associated with the peer node to which the peer specific certificate was issued. The validating peer node can also validate that the peer specific certificate was properly issued to the group member using a public key of the apparatus that issued the peer specific certificate.

No. of Pages: 59 No. of Claims: 41

(22) Date of filing of Application :02/06/2009 (43) Publication Date : 28/11/2014

(54) Title of the invention: TYPE II ANTI-CD20 ANTIGEN BINDING MOLECULE

(51) International classification	:C07K 16/28	(71)Name of Applicant :
(31) Priority Document No	:60/517,096	1)CLYCART BIOTECHNOLOGY AG
(32) Priority Date	:05/11/2003	Address of Applicant :WAGISTRASSE 18, CH-8952
(33) Name of priority country	:U.S.A.	SCHNEREN-ZURICH, Switzerland
(86) International Application No	:PCT/IB04/3896	(72)Name of Inventor:
Filing Date	:05/11/2004	1)UMANA, PABLO,
(87) International Publication No.	:(WO	2)BRUNKER, PETER,
(87) International Publication No 200:	2005/044859)	3)FERRARA, CLAUDIA,
(61) Patent of Addition to Application	:NA	4)SUTER, TOBIAS,
Number	:NA	5)PUNTENER, URSULA,
Filing Date	.11/1	6)MOSSNER,
(62) Divisional to Application Number	:1973/CHENP/2006	
Filed on	:05/11/2004	

(57) Abstract:

Type II anti-CD20 antigen binding molecule The present invention relates to antigen binding molecules (ABMs). In particular embodiments, the present invention relates to recombinant monoclonal antibodies, including chimeric, primatiized or humanized antibodies specific for human CD20. In addition, the present invention relates to nucleic acid molecules encoding such ABMs, and vectors and host cells comprising such nucleic acid molecules. The invention further relates to methods for producing the ABMs of the invention, and to methods of using these ABMs in treatment of disease. In addition, the present invention relates to ABMs with modified glycosylation having improved therapeutic properties, including antibodies with increased Fc receptor binding and increased effector function.

No. of Pages: 130 No. of Claims: 50

(21) Application No.2192/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: ERGONOMIC AND REUSABLE STRAPPING SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:NA :NA :NA :NA :NA : NA	(71)Name of Applicant: 1)MANGALAM MADHUR Address of Applicant:BIOPSYCHOLOGY LABORATORY, UNIVERSITY OF MYSORE, MANASAGANGOTRI, MYSORE - 570 006 Karnataka India (72)Name of Inventor: 1)MANGALAM MADHUR
(61) Patent of Addition to Application Number	:NA	1)MANGALAM MADHUK
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

An ergonomic and reusable strapping system, the said providing a means for banding and bundling objects in particular, but not exclusively, corrugated boxes, piles of sheet-like articles and the like, without requiring specialized consumables and devices, and wasting the strapping material, the strapping system comprising

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

(21) Application No.2243/CHE/2013 A

(19) INDIA

(22) Date of filing of Application :22/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : BIO FUEL CAR [VEHICLE]

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:NA :NA	(71)Name of Applicant: 1)K.K. RAMAN Address of Applicant: KARUVELIL (H), KOOTHATTUKULAM (P. O), ERNAKULAM DT Kerala India (72)Name of Inventor: 1)K.K. RAMAN
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(57) Abstract:

My invention successfully used bio gas from a household plant in running the dual powered car with the set up of the equipments shown in the figures. It is of great value in price (expense) freedom and future availability wise. Anybody could run a car from the fuei he produced at home and is thus free to use it anywhere he likes. The presence of a commercial supplier of fuel is eliminated by this is the greatest of the merit at the end. The use of it is achieved by properly processing the fuei to suit the input of a gas convertor and filtering and controlling the impurities present within allowable limits. Sulfur is present in natural fuels too and wont hurt anybody if if within limits. Another benefit is the better emission from the engine. It is much cleaner than conventional fuel sources and hurt the nature very little.

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

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : A DEVICE FOR PROVIDING A SYSTEM AVAILABILITY DURING CONTINUOUS OVER VOLTAGE FROM A SUPPLY VOLTAGE

(51) International classification	:G05F1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VENUMADHAV TANGIRALA
(62) Divisional to Application Number	:NA	2)RAGUPATHI V
Filing Date	:NA	3)KARTHIK B

(57) Abstract:

A device (20) for providing a system availability during continuous over voltage from a supply voltage (12), said system is fed by said supply voltage (12), said device comprising: a monitoring portion (24) that monitors an operating condition of the supply voltage (12); a pass through portion (22); and a control portion (26) which causes the pass through portion (22) to operate the system in a normal mode if an operating condition of the power supply observed by the monitoring portion (24) is within a first region of operation and which causes the pass through portion (22) to operate the system in a voltage regulated mode for a predetermined time if the operating condition observed is within a second region of operation.

No. of Pages: 11 No. of Claims: 4

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : A DEVICE AND METHOD FOR PROTECTING AN ELECTRONIC CONTROL UNIT AGAINST TRANSIENT VOLTAGES OF A BATTERY IN A MOTOR VEFHICLE

(51) International classification	:H02H7/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ROBERT BOSCH ENGINEERING AND BUSINESS
(32) Priority Date	:NA	SOLUTIONS LIMITED
(33) Name of priority country	:NA	Address of Applicant :123, INDUSTRIAL LAYOUT,
(86) International Application No	:NA	HOSUR ROAD, KORMANGALA, BANGALORE - 560 095
Filing Date	:NA	Karnataka India
(87) International Publication No	: NA	2)ROBERT BOSCH GMBH
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)VENUMADHAV TANGIRALA
(62) Divisional to Application Number	:NA	2)RAGUPATHI V
Filing Date	:NA	

(57) Abstract:

A voltage protection device (100) for protecting an electronic control unit (10) (ECU) against transient voltages of a supply voltage (16) in a motor vehicle, said device (100) comprising: a primary load dump circuit (50A); a secondary load dump circuit (50B); a capturing means (65) to capture the output voltage (Vbat) of said supply voltage (16); a control means (60) for detecting a load dump and an overvoltage from said captured output voltage (Vbat); said control means (60) adapted to switch ON at least one of said primary (50A) and secondary load dump circuit (50B) when said load dump is detected; and said control means (60) adapted to switch OFF said load dump circuit when said overvoltage is detected.

No. of Pages: 15 No. of Claims: 7

(22) Date of filing of Application :20/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: A NA0.5A0.5-XREXZO3 PHOSPHOR AND A PROCESS THEREOF

 (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF SCIENCE Address of Applicant: Bangalore 560012, Karnataka, India. Karnataka India (72)Name of Inventor: 1)K.B.R. VARMA 2)PRAVEENA KURUVA 3)TIJU THOMAS
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present disclosure discloses a compound of formula Na0.5A0.5-xRExZO3that is capable of down converting blue and green light to red light. The compound used in the present disclosure is preferably Na0.5Bi0.5-xEuxTiO3. This has immediate application in the emerging technologies related to white light generation, and other light emitting device technologies (eg. electroluminescent devices, phosphors for color display screens etc). In addition, the compound does not demonstrate any concentration quenching, which is indicative of its robustness as a luminophore host. The present disclosure also discloses a process to prepare said compound.

No. of Pages: 27 No. of Claims: 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/12/2011

(21) Application No.9873/CHENP/2011 A

(43) Publication Date: 28/11/2014

(54) Title of the invention: SUNSHADE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B60J 3/00 :2009-198107 :28/08/2009 :Japan :PCT/JP2010/064072 :20/08/2010 :WO 2011/024717 A1 :NA :NA :NA	(71)Name of Applicant: 1)ASHIMORI INDUSTRY CO., LTD. Address of Applicant:10-18, KITAHORIE 3-CHOME, NISHI-KU, OSAKA-SHI, OSAKA 550-0014 Japan (72)Name of Inventor: 1)KATADA, NAOCHIKA
(57) A1-4	.1111	

(57) Abstract:

Included are a windup device, a screen mounted to the windup device so as to be drawn therefrom and housed therein, a stay mounted to a drawing-side edge of the screen, and a pair of arms each including a distal end portion connected to the stay so as to rotate relative thereto and a proximal end portion supported by the windup device so as to rotate relative thereto about a rotation axis, the pair of arms being configured to change a position between a folded position and an extended position through a rotary movement about the rotation axis. The pair of arms are configured such that in the extended position, one-end-side portion of a pivot base extends toward a vertical frame of a window from the rotation axis and the other-end-side portion of the pivot base and an arm part extend along the vertical frame in a manner of being bent from the distal end portion of the one-end-side portion of the pivot base, and that the arm part and the pivot base are connected so as to rotate relative thereto.

No. of Pages: 32 No. of Claims: 3

(22) Date of filing of Application :28/02/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: BALANCED LOADING ARM WITHOUT A BASE FOR TRANSFERRING A FLUID PRODUCT

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country 	:b23d :1056948 :01/09/2010 :France	(71)Name of Applicant: 1)FMC TECHNOLOGIES SA Address of Applicant: Route des Clrimois F 89107 Sens France
(86) International Application No Filing Date	:17/05/2011	(72)Name of Inventor : 1)FUSY Jo«l
(87) International Publication No	:WO 2012/028969	,
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The invention provides a balanced arm (201) for transferring a fluid product having a transfer compass comprising an inner transfer member (208) and an outer transfer member (221) articulated together and a counterweight system(203) for balancing the transfer compass characterized in that the compass is installed on a turntable (215) rotatable about a vertical axis to rotationally drive the transfer compass about that axis and the balancing system comprises at least one counterweight (207; 207) mounted so as to be able to turn about an axis (206) of horizontal general orientation on a support (251) fixed to the turntable and functionally linked to the inner transfer member to provide the balancing of the transfer compass.

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

(22) Date of filing of Application :19/11/2010 (43) Publication Date : 28/11/2014

(54) Title of the invention: NETWORK BASED DYNAMICALLY UPDATING ELECTRONIC FLIP BOOK SERVER DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No 	:NA :NA :NA :NA	(71)Name of Applicant: 1)AAVANOR SYSTEMS PRIVATE LIMITED Address of Applicant: 33 ARCHES, S-60 & 61, 20TH STREET, ANNANAGAR, CHENNAI 600 040 Tamil Nadu India (72)Name of Inventor:
Filing Date (87) International Publication No	:NA : NA	1)M. VENNIMALAI 2)SARADA VENNIMALAI
(61) Patent of Addition to Application Number Filing Date	:NA :NA	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

Network based dynamically updating electronic flip book server device for retrieving data stored in a database located in a central server, comprising a. means for dynamically collecting the complete set of up to date and relevant data from data base; b. means for formatting the said data for appropriate collation; c. means for processing and supplying the said data on a monitor screen as e-book, to an authorized user for accessing / demand to view said data. In this device the authorized user may access the data through an intranet browser located within the network server. Alternatively the authorized user may access the said data through the internet from an access located outside the server network. Further the authorized user may search the stored data through the said device for specific key words which he may be require. This invented device presents the patients Medical Record in a page wise file format that doctors and nurses are used to. Each page can be accessed by flipping through the pages in a file/book, by the click of the mouse. Medical records captured through various forms in a computer for Medical facilities, are collected and published into an eBook by this server device, which works dynamically and collects information captured at various points of care and publishes the complete medical record at the time when called for. The eBook provides a format for viewing information page wise as in a physical file, duly updated and complete up to the time of viewing.

No. of Pages: 18 No. of Claims: 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9511/CHENP/2013 A

(19) INDIA

(22) Date of filing of Application :27/11/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: FET SWITCH AS DETUNE CIRCUIT FOR MRI RF COILS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date 	:G01R33/36 :61/488861 :23/05/2011 :U.S.A. :PCT/IB2012/052571 :22/05/2012	(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)REYKOWSKI Arne
Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	:22/05/2012 :WO 2012/160518 :NA :NA :NA	1)REYKOWSKI Arne 2)HOUSEN Rodney
Filing Date	:NA	

(57) Abstract:

A radiofrequency (RF) coil assembly for use in magnetic resonance includes a radiofrequency coil (42 100) and an electronic switch (28) which switches between open and closed states to detune and tune the coil to a preselected resonance frequency. Each electronic switch includes at least one field effect transistor (FET) (70) and a bias network (72).

No. of Pages: 24 No. of Claims: 20

(22) Date of filing of Application :29/11/2013 (43) Publication Date: 28/11/2014

(54) Title of the invention: SYSTEM FOR DISTRIBUTED BLOOD FLOW MEASUREMENT

(51) International

:A61B5/026,A61B5/028,G01F1/688

classification

(31) Priority Document No :61/491946

(32) Priority Date

:01/06/2011 (33) Name of priority country: U.S.A.

(86) International Application: PCT/IB2012/052665

:29/05/2012

Filing Date

(87) International Publication :WO 2012/164481

No

(61) Patent of Addition to :NA **Application Number** :NA Filing Date

(62) Divisional to Application:NA Number :NA

Filing Date

(57) Abstract:

(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)T HOOFT Gert Wim

2)DESJARDINS Adrien Emmanuel

3)BARLEY Maya Ella 4)CHAN Raymond

A medical system for minimally invasive measurement of blood flow in an artery(AT). An interventional device (IVD) with an optical fiber (FB) comprising a plurality of temperature sensitive optical sensor segments e.g. Fiber Bragg Gratings spatially distributed along its longitudinal extension is configured for insertion into an artery (AT). A temperature changer (TC) is arranged in the IVD to introduce a local change in temperature (T) of a bolus of blood in the artery to allow thermal tracking over time with the optical fiber (FB). A measurement unit (MU) with a laser light source (LS) delivers light to the optical fiber (FB) and receives light reflected from the optical fiber (FB) and generates a corresponding time varying output signal. A first algorithm (A1) translates this time varying output signal into a set of temperatures corresponding to temperatures at respective positions along the optical fiber (FB). A second algorithm (A2) calculates a measure of blood flow (BF) at respective positions along the optical fiber (FB) in accordance with a temporal behavior of said set of temperatures. Such system can be used to quickly scan an artery for diagnosing stenotic regions without the need for pullbacks or injection of toxic liquids. A good spatial resolution of the blood flow measurement can be obtained in real time.

No. of Pages: 26 No. of Claims: 15

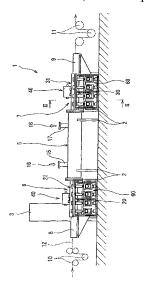
(22) Date of filing of Application :19/05/2014 (43) Publication Date : 28/11/2014

(54) Title of the invention: LABYRINTH SEAL DEVICE AND HEAT STRETCHING APPARATUS INCLUDING THE SAME

(51) International classification	:E05G 1/00	(71)Name of Applicant:
(31) Priority Document No	:2013- 107269	1)KAWASAKI JUKOGYO KABUSHIKI KAISHA Address of Applicant :1-1, HIGASHIKAWASAKI-CHO 3-
(32) Priority Date	:21/05/2013	CHOME, CHUO-KU, KOBE-SHI, HYOGO 650-8670 JAPAN
(33) Name of priority country	:Japan	(72)Name of Inventor:
(86) International Application No	:NA	1)HORIKIRI, MASATOSHI
Filing Date	:NA	2)KANDA, HIROKAZU
(87) 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:

[Technical Problem] To provide a labyrinth seal device with an openable and closeable structure, the labyrinth seal device being capable of mechanically maintaining a closed state of the labyrinth seal device. [Solution] A labyrinth seal device 7 includes a fixed cover 30 and an openable/closeable cover 31, and is configured to be openable and closeable. The labyrinth seal device 7 includes: a labyrinth seal disposed between the fixed cover 30 and the openable/closeable cover 31 and configured to maintain a predetermined gap between inner surfaces of the fixed cover 30 and the openable/closeable cover 31, the inner surfaces facing each other; a sealing member sealing an end portion of the labyrinth seal in a width direction; a lock pin 64 configured to be inserted from one of the fixed cover 30 and the openable/closeable cover 31 to another one of the fixed cover 30 and the openable/closeable cover 31, the lock pin 64 being inserted outside the sealing member; and a lock mechanism 60 including disc springs 91 configured to urge, with predetermined spring force, the lock pin 64 in a direction opposite to an insertion direction of the lock pin 64. The lock mechanism 60 is configured such that, after the openable/closeable cover 31 is closed and the lock pin 64 is inserted from the fixed cover 30 into the openable/closeable cover 31, the lock mechanism 60 locks a locked portion 65 of the lock pin 64 by means of a locking member 66 and maintains, with the spring force, a closed state between the fixed cover 30 and the openable/closeable cover 31.



No. of Pages: 42 No. of Claims: 10

(22) Date of filing of Application :09/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : BASE PLATE FOR FASTENING A RAIL TO A FIXED BOTTOM SUPPORT, AND FASTENER FOR A RAIL

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:E01B 9/42 :102009041833.4 :18/09/2009 :Germany :PCT/EP2010/063527 :15/09/2010 :WO 2011/032970 :NA :NA	(71)Name of Applicant: 1)VOSSLOH-WERKE GMBH, Address of Applicant:VOSSLOHSTRASSE 4, 58791, WERDOHL, GERMANY (72)Name of Inventor: 1)BÖSTERLING, WINFRIED 2)RADEMACHER, LUTZ 3)HUNOLD, ANDRÉ 4)BEDNARCZYK, ADRIAN
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(57) Abstract:

The invention provides a base plate, and a fastener equipped with such a base plate, whose weight is minimised and whose stiffness is optimised on the one hand and which is suitable for being supported on an elastic intermediate layer on the other hand. To this end, a base plate according to the invention for fastening a rail (S) to a fixed bottom support (2) has, the base plate being made of a plastics material and a stiffening structure (3s) which is formed by ribs (3t) and by depressions (3u) present between the ribs (3t) being formed or moulded in the underside (U) of the base plate (3), which underside is associated with the fixed bottom support (2), depressions of the stiffening structure (3s) being closed off, in accordance with the invention, by a filling material (T).

No. of Pages: 36 No. of Claims: 15

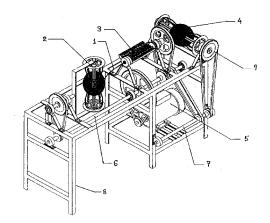
(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: SABAI GRASS ROPE POLISHING MACHINE.

(51) International classification	:B24B 37/00	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY,
(31) Priority Document No	:NA	Address of Applicant :INDIAN INSTITUTE OF
(32) Priority Date	:NA	TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PROF. P.B.S. BHADORIA,
(87) International Publication No	: NA	2)DR. E.V. THOMAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		I .

(57) Abstract:

A sabai grass polishing machine (A) comprising: a frame structure (8); a motor (5) for driving an intermediate shaft (6) through a pair of pulleys the intermediate shaft (6) drives a rough bobbin (2) and polisher (3) through plurality of pulleys; the intermediate shafts (6) also drives a second intermediate shaft (7) which in turn rotates a polished rope bobbin (4) characterized in that the unpolished rope (1) is unwound from the rough rope bobbin (2) and wound on polished rope bobbin (4) wherein the rough rope (1) while travelling through polisher (3) gets polished yielding polished rope.



No. of Pages: 9 No. of Claims: 3

(22) Date of filing of Application :23/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: PROCESS FOR THE PREPARATION OF PROBIOTIC FENNEL AND USES THEREOF.

(51) International classification	:A61K 35/00	(71)Name of Applicant: 1)ITC LIMITED
(31) Priority Document No	:NA	Address of Applicant :37,J.L. NEHRU ROAD, KOLKATA-
(32) Priority Date	:NA	700071, WEST BENGAL, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)KUSHAL DEEPTI
Filing Date	:NA	2)SELVAPERUMAL, RAMANUJAM,KARADIKUPPAM
(87) International Publication No	: NA	3)SATHYA, DEVOTTA
(61) Patent of Addition to Application Number	:NA	4)KALSI GURPREET
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(55) 41	·	

(57) Abstract:

The present invention provides a process for the preparation of probiotic coated fennel seeds, said process comprising the steps of: i) Encapsulation of bacteria; ii) Preparing primary coating comprising steps of: a) coating fennel seeds by gradational addition of sugar syrup; b) incubating the said coated fennel seeds at a temperature of 45-55°C for 1-3 hrs iii) preparing secondary coating comprising steps of: c) Coating pre-coated fennel seeds with gradual addition of sugar syrup at a temperature of 55-65°C for 1-3 hours, wherein said sugar syrup is supplemented with encapsulated the bacteria, d) Drying said coated fennel seeds at a temperature of 45-55°C for 2-3 hour.

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

(21) Application No.267/CAL/2000 A

(19) INDIA

(22) Date of filing of Application :04/05/2000 (43) Publication Date : 28/11/2014

(54) Title of the invention : PROCESS FOR PRODUCING 3-METHYLTETRAHYDROFURAN AND PROCESS FOR PRODUCING AN INTERMEDIATE THEREOF

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:A61K31/132 :142631/1999 :24/05/1999 :Japan :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)KURARAY CO., LTD. Address of Applicant:1621, SAKAZU, KURASHIKI-CITY, OKAYAMA-PREF Japan (72)Name of Inventor: 1)IWASAKI HIDEHARU
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(57) Abstract:

A process for producing 3-methyltetrahydrofuran, comprising: reacting 3-methyl- 3-buten-1-ol with hydrogen peroxide in the presence of a zcolite to produce 3- hydroxy-3-methyltetrahydrofuran, and reacting the 3-hydroxy-3- methyltetrahydrofuran with hydrogen in the presence of an acidic substance and a hydrogenation catalyst.

No. of Pages: 34 No. of Claims: 25

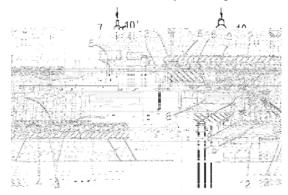
(22) Date of filing of Application :07/01/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: BURNER USING PLASMA

(51) International classification	:F23Q 7/02	(71)Name of Applicant:
(31) Priority Document No	:10-2009-0056123	1)JOO Sung Ho
(32) Priority Date	:23/06/2009	Address of Applicant :Hacsan officetel 1106 110 Gwangjang-
(33) Name of priority country	:Republic of Korea	dong Gwangjin-gu Seoul 143-802 Republic of Korea
(86) International Application No	:PCT/KR2010/004032	(72)Name of Inventor:
Filing Date	:22/06/2010	1)JOO Sung Ho
(87) International Publication No	:WO/2010/151026	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	.IVA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract:

The present invention relates to a burner using plasma, which uses a mixture fuel in which water and industrial waste oil are mixed at an appropriate ratio. A combustion tank has a positive electrode (+), a rod installed at one side of the combustion tank has a negative electrode (-), and direct current electricity is supplied to the combustion tank and to the rod from a direct current electricity supply unit. A steam supply pipe of a steam generator is installed together with a plasma torch unit which is coupled to the combustion tank, such that high-temperature steam is discharged from the steam supply pipe together with the plasma torch generated by the plasma torch unit. Thus, the high-temperature plasma torch generates a high-temperature plasma flame of 800°C or higher to heat a combustion chamber at the inner wall of the combustion tank. A mixture fuel supply pipe is wound into a coil on the outer surface of the combustion chamber, such that the mixture fuel supply pipe is preheated by high-temperature heat. The mixture fuel in the mixture fuel supply pipe is supplied at an air pressure of 50 through a high pressure pump, and water in the mixture fuel is decomposed into hydrogen and oxygen and waste oil in the mixture fuel is decomposed into carbons. The mixture fuel is injected or sprayed through a nozzle at a high temperature to effectively and completely burn the mixture fuel. The plasma torch unit operates by means of the direct current electricity supplied by the direct current electricity supply unit if needed, to adjust the temperature of the combustion chamber of the combustion tank, thereby enabling the smooth use of the burner.



No. of Pages: 13 No. of Claims: 1

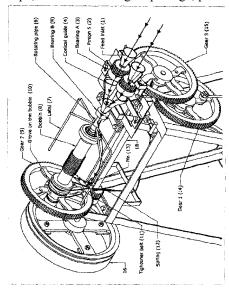
(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: AN IMPROVED PEDAL DRIVEN SABAI GRASS ROPE MAKING MACHINE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:A01D69/03 :NA :NA :NA :NA :NA :NA : NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant: KHARAGPUR 721 302 WEST BENGAL, INDIA. (72)Name of Inventor: 1)PROF. P.B.S. BHADORIA, 2)DR. E. V. THOMAS
(62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

An improved pedal driven sabai grass rope making machine comprising: a frame structure (19); a pedal (17) mounted on two pivot points; a pedal rod (18) connected at one end with the pedal (17) and the other end connected to the gear 1 (14); a plurality of gears { Gear 1(14), Gear 3(15), Gear 7(9)} and pinions for transmitting the drive; a plurality of pinions {5(2)} for getting dives from Gear 3(15); a gear 7(9) connected with rotating pipe (6); a bearing B(5) for supporting the rotating pipes (6); a bobbin (8) mounted on the rotating pipe (6); a latai (7) disposed on the rotating pipe (6); a plurality of pinions 5(2) having tubes inside each pinion and rotating on the bearing A(3); plurality of feed inlet (1) disposed on the entry side for receiving the sabai grass; a plurality of conical guide (4) for receiving the sabai grass from the tubes within the pinions 5(2); a single conical guide disposed for entry of sabai grass into single passage before entering into the rotating pipe (6); characterized in that the sabai grass leaf after entering in two streams through feed inlet (1) pass through the rotating tubes inside pinions 5(2), get twisted and each twisted rope then enters the plurality of conical guides (4), passes through a single conical guide and enter inside the rotating pipe (6) where the branch ropes are twisted into a single rope, comes out through a passage, passes through a pin (13) attached on the latai (7) and wound on the bobbin (8).



No. of Pages: 8 No. of Claims: 15

(22) Date of filing of Application: 27/05/2013

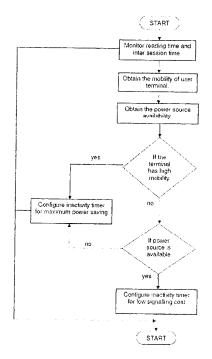
(43) Publication Date: 28/11/2014

(54) Title of the invention : A METHOD FOR INACTIVITY TIMER CONFIGARATION BASED ON NETWORK SIGNALLING REDUCTION

(51) International classification	:H04W52/02	(71)Name of Applicant:
(31) Priority Document No	:NA	1)INDIAN INSTITUTE OF TECHNOLOGY,
(32) Priority Date	:NA	KHARAGPUR
(33) Name of priority country	:NA	Address of Applicant :SPONSORED RESEARCH &
(86) International Application No	:NA	INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF
Filing Date	:NA	TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL,
(87) International Publication No	: NA	INDIA.
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor:
Filing Date	:NA	1)PANKAJ KUMAR GUPTA
(62) Divisional to Application Number	:NA	2)DR. CHERUVU SIVA KUMAR
Filing Date	:NA	3)DR. RATNAM VARADA RAJKUMAR

(57) Abstract:

The present invention relates to a method and system involving inactivity timer configuration based on reduced network signaling in wireless systems. In addition to this, the advancement is also directed to utilizes the UE's mobile and static conditions into account while configuring the inactivity timer. The existing methods configure the inactivity timer in order to improve the power saving factor which is ratio of idle period to observation period. Additional signalling is involved when UE moves from RRC_Connected mode to RRC_idle mode or vice versa. The present method and system is directed to provide a configuration mechanism in order to reduce signalling that considers the configuration of inactivity timer in order to reduce the network signalling per user. The method thus not only saves UE power but also optimize/reduce the network signaling which indirectly increases the overall power consumption in RAN.



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

(22) Date of filing of Application :20/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: METHOD AND DEVICE FOR MEASURING A PROFILE OF THE GROUND

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G01S 7/52 :10 2009 042 970.0 :24/09/2009 :Germany :PCT/EP2010/062346 :24/08/2010 :WO 2011/036012 :NA :NA	(71)Name of Applicant: 1)ATLAS ELEKTRONIK GMBH Address of Applicant: SEBALDSBRÜCKER HEERSTRASSE 235, 28309 BREMEN, GERMANY (72)Name of Inventor: 1)FREKING, BENNO
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(57) Abstract:

The invention relates to a method for measuring a profile 6 of the ground by means of a transmitting arrangement 20, which is attached to a watercraft 2, for the directed emission of sound signals into an underwater area 8 and by means of a receiving arrangement 28 comprising at least two transducers for receiving sound waves reflected by the profile 6 of the ground. The transmitting arrangement 20 successively emits a sound signal with a plurality N of predefined frequencies that are different from one another, parts of said sound signal reflected by the profile 6 of the ground being received by means of the receiving arrangement 28. A phase difference $\Delta \phi$ as well as the path differences resulting therefrom of the received sound waves between two transducers are ascertained for a plurality of predefined sampling times and for the N frequencies. A data density is ascertained from the number of the path differences within a predefined region 84, and the region 84 in which the data density is maximal is selected. A coordinate of incidence on the profile 6 of the ground is determined from the path difference corresponding to said region 84. The invention further relates to a device for carrying out such a method.

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

(22) Date of filing of Application :23/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : A METHOD A DEVICE AND A SYSTEM FOR OBTAINING HIGH DATA RATE AND CONTINUED SERVICE OVER MULTIPLE RADIO ACCESS NETWORKS.

(51) International classification		(71)Name of Applicant:
(31) International classification	24/02	1)INDIAN INSTITUTE OF TECHNOLOGY,
(31) Priority Document No	:NA	KHARAGPUR
(32) Priority Date	:NA	Address of Applicant :INDIAN INSTITUTE OF
(33) Name of priority country	:NA	TECHNOLOGY, KHARAGPUR-721302, DIST - MIDNAPORE,
(86) International Application No	:NA	STATE OF WEST BENGAL, INDIA.
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SUVRA SEKHAR, DAS
(61) Patent of Addition to Application Number	:NA	2)TIWARI, SHASHANK
Filing Date	:NA	3)PRASAD, GOBIND
(62) Divisional to Application Number	:NA	4)PAUL, SUBHAJIT
Filing Date	:NA	

(57) Abstract:

A device, system and method for obtaining high data rate and continued service over multiple radio access networks are disclosed. The system comprises of a device (102) and at least one other device (104). The device is configured to create multiple parallel links to connect with at least on other device (104) based on a plurality of interfaces (30) of the device (102). The request for data is made from the at least on other device (104). The at least one other device (104) configured to receive a connection request using multiple parallel links of the device (102). The other device provides a connection to the device (102) using a multiple parallel links of the at least one device (104). Finally the other device sends data to the device (102) by dynamically balancing a load between the connections according to their link speed.

No. of Pages: 52 No. of Claims: 19

(22) Date of filing of Application :24/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention: STRATEGIC ENHANCEMENT OF LIGNITE BIOMETHANATION BY FUNGAL PRETREATMENT

(31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number	NA N	71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant: KHARAGPUR - 721302, WEST BENGAL, INDIA, 2)ONGC 72)Name of Inventor: 1)RINTU BANERJEE 2)SAMUEL JACOB. B 3)SWARNALOK DE 4)UPADRASTA LAKSHMISHRI 5)NIMMI SINGH 6)DILIP KALE
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(57) Abstract:

This invention relates to a process for the biomethanation of lignite comprising the steps of subjecting lignite in a medium to the step of pretreatment with a fungal strain belonging to Pleurotus sp. followed by anaerobic digestion of the pretreated lignite to obtain methane.

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

(22) Date of filing of Application :24/05/2013

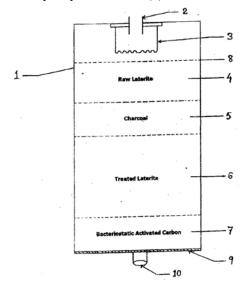
(43) Publication Date: 28/11/2014

(54) Title of the invention: AN ARSENIC FILTER USING ACTIVATED LATERITE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B01J20/04, B01J20/06 :NA :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant: KHARAGPUR - 721 302, WEST BENGAL, INDIA. (72)Name of Inventor: 1)SOURAV MONDAL 2)BARUN KUMAR THAKUR 3)KULDEEP YADAV 4)MRINMOY MONDAL 5)RAKA MUKHERJEE 6)ANIRBAN ROY 7)BISWAJIT BARMAN 8)SIRSHENDU DE
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(57) Abstract:

This invention relates to an arsenic filter comprising a filter body (1) provided with a water inlet (2) in the top cover, said water inlet (2) being in fluid connection with a distributor plate (3) to evenly distribute the water over the cross-section of the filter; the filter body (1) containing at least the following layers, a topmost layer (4) of raw lateriate a second layer of charcoal (5); a third layer of treated laterite(6); an activated carbon layer (7) the layers resting over a wire mesh assembly, and each layer being separated from the next layer by a cloth mesh(8).



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

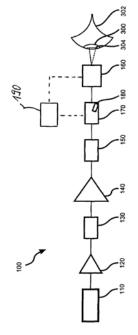
(22) Date of filing of Application :22/11/2011 (43) Publication Date : 28/11/2014

(54) Title of the invention: SYSTEM FOR OPHTHALMIC LASER SURGERY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application 	:A61F 9/009 :NA :NA :NA :PCT/EP2009/003730 :26/05/2009 :WO/2010/136050 :NA	(71)Name of Applicant: 1)WAVELIGHT GMBH Address of Applicant: Am Wolfsmantel 5 91058 Erlangen GERMANY (72)Name of Inventor: 1)KITTELMANN Olaf 2)VOGLER Klaus
		2)VOGLER Klaus

(57) Abstract:

The invention relates to a system for ophthalmic laser surgery, comprising a source (110) of pulsed laser radiation with radiation parameters matched to the making of an incision in an ocular tissue, particularly in the cornea, a scanner (160) for deflecting the laser radiation, an electronic control unit (190) which has been set up to control the scanner in accordance with a predetermined incision geometry, and a modulator unit (170) for modulating the laser pulses emitted from the source (110). The control unit (190) has furthermore been set up to control the modulator unit (170) in accordance with a beam-deflection pattern established for the incision geometry in such a manner that in predetermined parts of the beam-deflection pattern at least some of the laser pulses have a reduced pulse energy or are suppressed.



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

(22) Date of filing of Application :24/05/2013

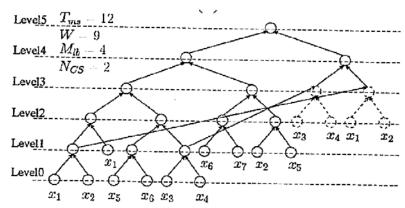
(43) Publication Date: 28/11/2014

(54) Title of the invention: AN EFFICIENT MIXTURE PREPARATION METHOD USING DIGITAL MICROFLUIDIC BIOCHIPS.

(51) International classification :G06F17/5 (31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :NA Filing Date :NA (87) International Publication No :NA (61) Patent of Addition to Application Number Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA Filing Date :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR Address of Applicant: SPONSORED RESEARCH & INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL, INDIA. (72)Name of Inventor: 1)KUMAR, SRIJAN 2)CHAKRABARTI, PARTHA PRATIM 3)ROY, SUDIP 4)BHATTACHARYA, BHARGAB BIKRAM
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(57) Abstract:

An efficient mixture preparation method involving microfludic biochips comprising scheduling on-chip fluid mixing procedure involving mixing tree having a binary mixing tree, corresponding to sequence of required mix-split cycles of the on-chip fluid mixing procedure to obtain target fluid mixture droplets, having one or more identical subtrees with same labeled leaf-nodes having different occurrences in the mixing tree sharing a common subtree of the binary mixing tree for receiving fluid droplet.



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

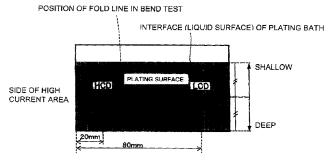
(22) Date of filing of Application :01/08/2011 (43) Publication Date : 28/11/2014

(54) Title of the invention: ZINC PLATING BATH ADDITIVE AND ALKALINE NON-CYANIDE ZINC PLATING BATH

(31) Priority Document No :NA (32) Priority Date :NA (33) Name of priority country :NA (86) International Application No :PC Filing Date :09/	Address of Applicant :50, BAWARI, NODA-CHO, KARIY SHI, AICHI, 448-8511, JAPAN (72)Name of Inventor : 1)KAZUO ITO 2)YURI TOMOYAMA A
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(57) Abstract:

Provided is a zinc plating bath additive enabling the rapid formation of a zinc coating having small variations in the thickness depending on the position on the surface of an object to be plated. The zinc plating bath additive contains a water soluble copolymer having, as the structural units, two amine compounds.



No. of Pages: 41 No. of Claims: 12

(22) Date of filing of Application :27/05/2013 (43) Publication Date : 28/11/2014

(54) Title of the invention : DEVELOPMENT OF A NOVEL ANAEROBIC CONSORTIUM FOR BIOMETHANE PRODUCTION FROM LIGNITE.

		(71)
(51) International classification(31) Priority Document No(32) Priority Date	:C09K8/00 :NA :NA	(71)Name of Applicant: 1)INDIAN INSTITUTE OF TECHNOLOGY, Address of Applicant :INDIAN INSTITUTE OF TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL,
(33) Name of priority country(86) International Application No	:NA :NA	INDIA. 2)ONGC
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No (61) Patent of Addition to Application Number	: NA :NA	1)RINTU BANERJEE 2)SAMUEL JACOB.B
Filing Date	:NA	3)SWARNALOK DE
(62) Divisional to Application Number Filing Date	:NA :NA	4)UPADRASTA LAKSHIMISHRI 5)NIMMI SINGH 6)DILIP KALE

(57) Abstract:

This invention relates to an anaerobic consortium for the production of biomethane from lignite comprising Aneurinibacillus migulans, Staphylococcus epidermidis, Corynebacterium nuruki, Enterobacter cloacae, Bacillus subtilis, Pseudomonas aeruginosa.

No. of Pages: 13 No. of Claims: 10

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

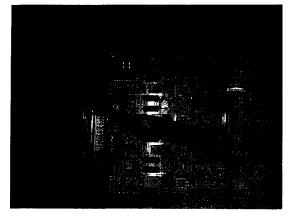
(43) Publication Date: 28/11/2014

(54) Title of the invention : AN INTELLIGENT SYSTEM FOR AUTOMATIZED FUNCTIONAL TESTING OF DIGITAL INPUT MODULE OF DISTRIBUTED CONTROL SYSTEMS

(31) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (87) International Publication No (88) International Publication No (89) International Publication No (80) Patent of Addition to Application Number (81) Patent of Addition to Application Number	Address of Applicant :REGIONAL OPERATIONS DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR, KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091, HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI FORT, NEW DELHI - 110049, INDIA. (72)Name of Inventor: 1)ANANTHA KRISHNAN THAMPI SULOCHANA
Filing Date :NA (62) Divisional to Application Number :NA	2)BIDYUT KUMAR MANDAL 3)SUJA SUGUMARAN
Filing Date :NA	

(57) Abstract:

The invention relates to an intelligent system for automatized functional testing of digital input module of distributed control systems, the distributed control system (DCS) comprises a plurality of field sensors, transmitters actuators, a plurality of input and output modules to the field elements for data acquisition, a controller unity for processing the acquired data and transmitting corresponding control commands for field operation, a human-interface (HMI) device for data display, and a data storage unit, the components of the DCS being interconnected through a plant network, the intelligent system comprising a testing device to test the digital input modules of DCS having a microcontroller with peripheral interfaces and hardware circuits to feed signals representing test parameters to the module under test, the hardware circuit being connected to the modules through a pre-fabricated cable assembly having devices to read the intensity of light emitted by a plurality of LEDs fixed on the test device to display multiple test-parameters of the module; a graphical user interface (GUI)installed on a workstation and the hardware circuit of the test device connected to the workstation through an USB port with built-in feature for assistance in troubleshooting the module, in case of failure wherein the system on activation carries out the functional test of the modules and the test results displayed.



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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :16/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: POWER CONVERTER

(51) International classification	:H02M 7/48	(71)Name of Applicant :
(31) Priority Document No	:2009-221872	1)DAIKIN INDUSTRIES, LTD,
(32) Priority Date	:28/09/2009	Address of Applicant :UMEDA CENTER BUILDING, 4-12,
(33) Name of priority country	:Japan	NAKAZAKI-NISHI 2-CHOME, KITA-KU, OSAKA-SHI,
(86) International Application No	:PCT/JP2010/005822	OSAKA 530-8323, JAPAN
Filing Date	:28/09/2010	(72)Name of Inventor:
(87) International Publication No	:WO 2011/036899	1)MORIMITSU SEKIMOTO
(61) Patent of Addition to Application	:NA	2)HIROSHI HIBINO
Number	:NA	3)TOMOISA TANIGUCHI
Filing Date	.11/1	4)TOSHIYUKI MAEDA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(21) Application No.654/KOLNP/2012 A

(57) Abstract:

The power converter (20) includes a diode rectifier (22) which rectifies alternating current power output from an alternating current power supply (10), a reactor (21) provided between the alternating current power supply (10) and the diode rectifier (22), an inverter circuit (24) to which power output from the diode rectifier (22) is directly supplied, and a capacitor (31) provided between power supply lines (12, 13) on a primary side of the diode rectifier (22).

No. of Pages: 21 No. of Claims: 4

(22) Date of filing of Application :02/09/2011

(43) Publication Date: 28/11/2014

(54) Title of the invention: A NEW PROCESS FOR THE PREPARATION OF 10-DEACETYL-BIS-7.10-TRICHLOROACETYLBACCATIN III(IV)

(51) International classification :C07C 275/16 (31) Priority Document No :60/616.840 (32) Priority Date :08/10/2004 (33) Name of priority country :U.S.A.

(86) International Application No :PCT/EP2005/010822 (72)Name of Inventor: Filing Date :07/10/2005

(87) International Publication No :WO 2006/037653

(61) Patent of Addition to Application :NA Number :NA Filing Date

(62) Divisional to Application Number :1211/KOLNP/2007 Filed on :05/04/2007

(71)Name of Applicant: 1)INDENA S.P.A.

Address of Applicant: VIALES ORTLES 12, I-20139,

MILANO ITALY

1)GABETTA, BRUNO 2)GAMBINI, ANDREA 3)BOMBARDELLI, EZIO 4)FORTANA, GABRIELE

(57) Abstract:

A process for the preparation of 10-deacetyl-bis-7,10- trichloroacetylbaccatin III (VI) with a content of the corresponding 7- or 10mono-trichloroacetyl derivatives lower than 0.1% as determined by HPLC, comprising the silica gel chromatography of the reaction mixture.

No. of Pages: 19 No. of Claims: 7

(22) Date of filing of Application :05/01/2012

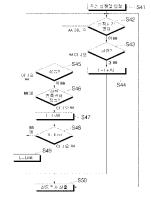
(43) Publication Date: 28/11/2014

(54) Title of the invention: HOIST LENGTH MEASURING METHOD FOR INPUT SHAPING

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:B66C 13/16 :10-2009-0050989 :09/06/2009 :Republic of Korea :PCT/KR2010/003152 :19/05/2010 :WO/2010/143824 :NA :NA :NA	(71)Name of Applicant: 1)CHOI Gy-Yun Address of Applicant: 406-401 Eunhang Maeul Samco Apt. 1084-2 Gyesan-dong Gyeyang-gu Incheon 407-050 Republic of Korea (72)Name of Inventor: 1)CHOI Gy-Yun;
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(57) Abstract:

Disclosed is a hoist length measuring method comprising: a first step of setting a hoist length L to an initial length (L0 + L1); a second step of determining whether a preset time period has elapsed after the operation of a hoist has started; a third step of determining whether a hook is falling or rising if it is determined that the preset time period has elapsed; and a fourth step of calculating a hoist length at the time of determination using the following respective equations for a case in which the hook is falling and for a case in which the hook is rising, wherein L0 represents the distance between the center of the hook and the center of the hook of the hoist is located at an upper limit, and L1 represents the distance between the center of the hook and the center of an object hanging on the hook, and the equation for the case in which the hook is falling is $L = L - \Delta L$, and the equation for the case in which the hook is falling is $L = L + \Delta L$, wherein ΔL represents the variation in the length of the hoist caused by the rising or falling of the hook, and is defined by a rising speed (or a falling speed) × a preset time period.



AA ... No BB ... Yes

S41 ... Input initial set value

S43 ... Falling?

\$46 ... Contacting and upper limit contact sensor

S50 ... Calculate vibration cycle

No. of Pages: 15 No. of Claims: 4

(22) Date of filing of Application :25/02/2012

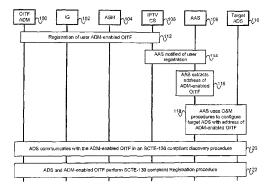
(43) Publication Date: 28/11/2014

(54) Title of the invention : ADM ENABLED OITF SUPPORTING IPTV INFRASTRUCTURE AND ASSOCIATED METHODS

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06Q 30/00 :61/229,328 :29/07/2009 :U.S.A. :PCT/IB2010/053389 :26/07/2010 :WO/2011/013058 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant:S-164 83 Stockholm Sweden (72)Name of Inventor: 1)FOTI George
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(57) Abstract:

A system and method for the automated discovery of advertisement decision services and advertisement management services employs an advertisement application server which receives the address of an advertisement management service from an IPTV Controller during the registration phase. The advertisement application server then begins the configuration process by informing the advertisement decision server of the availability of a new advertisement management service. Additionally, an OITF having an embedded ADM makes use of markers in a received content stream to identify the location at which an advertisement is to be inserted, requests and receives advertisements from an ADS, and renders a video stream based on the received content and the received advertisement.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3802/KOLNP/2011 A

(19) INDIA

(22) Date of filing of Application :14/09/2011 (43) Publication Date : 28/11/2014

(54) Title of the invention: DATA RETRANSMISSION SCHEME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:H04L 1/18 :NA :NA :NA :PCT/SE2009/050176 :18/02/2009 :WO/2010/095986 :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant: S-164 83 Stockholm Sweden (72)Name of Inventor: 1)GUNNARSSON Fredrik 2)FRENGER Pål 3)WIBERG Niclas
Filing Date	:NA	

(57) Abstract:

Disclosed are improved retransmission schemes. In one embodiment, a retransmission method includes: receiving, at a protocol layer in a receiver, a data block transmitted from a protocol layer in a transmitter; determining that it is not possible to decode the data block; determining that it is not probable that the data block can be decoded; signaling, from the protocol layer in the receiver, to the protocol layer in the transmitter first feedback information indicating that the data block was received; and signaling, from the protocol layer in the receiver, to the protocol layer in the transmitter second feedback information including information related to the reception time of the data block and indicating that the data block is aborted.

No. of Pages: 30 No. of Claims: 42

(22) Date of filing of Application :24/01/2012

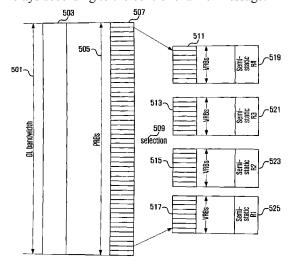
(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD AND APPARATUS FOR ALLOCATING A CONTROL CHANNEL RESOURCE OF A RELAY NODE IN A BACKHAUL SUBFRAME

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date (57) Abstract 	:H04W 72/04 :10-2009-0076423 :18/08/2009 :Republic of Korea :PCT/KR2010/005411 :17/08/2010 :WO 2011/021827 :NA :NA	(71)Name of Applicant: 1)SAMSUNG ELECTRONICS CO., LTD. Address of Applicant:416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO Republic of Korea (72)Name of Inventor: 1)HYOUNG JU JI 2)JOON YOUNG CHO
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(57) Abstract:

A method and apparatus for allocating control channels of a relay within a backhaul subframe in a wireless communication system is provided. The method for allocating control channel resources includes grouping relays according to channel conditions; transmitting resource group information on the same resource group allocated to use the same transmission mode for the relays belonging to the same relay group; transmitting a control channel message to the relays according to the allocated resource; and transmitting data to the relays according to the control channel message.



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

(22) Date of filing of Application :26/05/2013

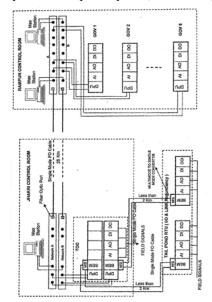
(43) Publication Date: 28/11/2014

(54) Title of the invention : TANDEM OPERATION CONTROLLER FOR CASCADED OPEARTION OF TWO HYDRO POWER PLANTS IN A MASTER/SALVE MODE

		(71)Name of Applicant:
		1)BHARAT HEAVY ELECTRICALS LIMITED
		Address of Applicant :REGION CAL OPERATIONS
(51) International classification	:B60T	DIVISION(ROD), PLOT NO:9/1, DJBLOCK 3RD FLOOR,
(31) International classification	11/00	KARUNAMOYEE,SALTLAKE CITY, KOLKATA-700091,
(31) Priority Document No	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(32) Priority Date	:NA	FORT, NEW DELHI - 110049, INDIA.
(33) Name of priority country	:NA	(72)Name of Inventor:
(86) International Application No	:NA	1)SVR SARMA
Filing Date	:NA	2)RGHAVACHARI SRIRAM
(87) International Publication No	: NA	3)BRAJ LAL SHING
(61) Patent of Addition to Application Number	:NA	4)BETTADAPURA RAJAGOPAL
Filing Date	:NA	5)KRISHNA PRASAD
(62) Divisional to Application Number	:NA	6)ABHISHEK SYAL
Filing Date	:NA	7)PV RAMA GOPAL
		8)KOMAL DEBARIK
		9)JAYTEERTH AGARKHED
		10)BISWAJIT DUTTA

(57) Abstract:

The present invention relates to control of water level in a distributed water flow structures, in particular in rivers with cascaded hydroelectric power plants, one of the power plants assigned as the Master hydroelectric power plant.



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

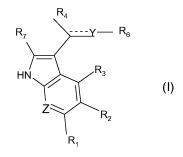
(22) Date of filing of Application :19/12/2011 (43) Publication Date : 28/11/2014

(54) Title of the invention: USE OF DERIVATIVES OF INDOLES FOR THE TREATMENT OF CANCER

		(71)Name of Applicant:
(51) International classification	:A61P 35/00	1)CENTRE NATIONAL DE LA RECHERCHE
(31) Priority Document No	:09163523.5	SCIENTIFIQUE
(32) Priority Date	:23/06/2009	Address of Applicant :3 rue Michel Ange F-75794 Paris
(33) Name of priority country	:EPO	France
(86) International Application No	:PCT/IB2010/052866	(72)Name of Inventor:
Filing Date	:23/06/2010	1)GUILLOU Catherine
(87) International Publication No	:WO/2010/150211	2)KOZIELSKI Frank
(61) Patent of Addition to Application	:NA	3)LABRIERE Christophe
Number	:NA	4)GUERITTE Françoise
Filing Date	.INA	5)TCHERNIUK Sergey
(62) Divisional to Application Number	:NA	6)SKOUFIAS Dimitrios
Filing Date	:NA	7)THAL Claude
		8)HUSSON Henri-Philippe

(57) Abstract:

The present invention relates to the use of derivatives of indoles having a general formula (I) as follow: for the manufacture of a pharmaceutical composition intended for the treatment of cancer.



No. of Pages: 132 No. of Claims: 17

(22) Date of filing of Application :24/05/2013

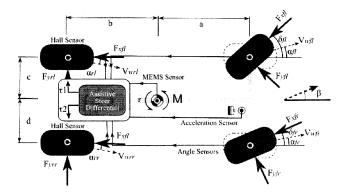
(43) Publication Date: 28/11/2014

(54) Title of the invention: ACTIVE STEER ASSISTING DIFFERENTIAL (ASAD) FOR REAR WHEEL INDEPENDENT DRIVE ELECTRIC VEHICLE (RID EV) USING IN-WHEEL MOTORS.

		(71)Name of Applicant :
(51) International classification	:B62D5/04	1)INDIAN INSTITUTE OF TECHNOLOGY,
(31) Priority Document No	:NA	KHARAGPUR
(32) Priority Date	:NA	Address of Applicant :SPONSORED RESEARCH &
(33) Name of priority country	:NA	INDUSTRIAL CONSULTANCY, INDIAN INSTITUTE OF
(86) International Application No	:NA	TECHNOLOGY, KHARAGPUR-721302, WEST BENGAL,
Filing Date	:NA	INDIA.
(87) International Publication No	: NA	(72)Name of Inventor:
(61) Patent of Addition to Application Number	:NA	1)KUMAR, DR. CHERUVU SIVA
Filing Date	:NA	2)GHOSH, SIMANTA
(62) Divisional to Application Number	:NA	3)VINJAMURI, RAMACHANDRA SANDEEP
Filing Date	:NA	4)SREEHARSHA, KONGA
		5)REDDY, V PRASHANTH KUMAR

(57) Abstract:

The present invention relates to a system for Active Steer Assisting Differential (ASAD) for Rear Wheel Independent Drive Electric Vehicles (RID EV) using in-wheel motors. More particularly, Active Steer Assisting Differential (ASAD) can be integrated into various EV systems wherein an active steer assisting differential control module that implements IWD on an electric vehicle equipped with BLDC motor, using throttle sensing, wheel steer angle sensing, motor speeds sensing and a MEMS Gyroscope into a DAQ system, for supplying required command torques to the motors, eliminating the need for mechanical components such as differentials and transmissions. The advancement is directed to create an upper level control system that would be adapted to work in unison with other control modules for various aspects of vehicle handling. The ASAD would serve as an intelligent system to favor catering to the driver requirements including generation of control logic based on capturing of driver preferences to understeer/oversteer/neutral steer.



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

(22) Date of filing of Application :24/11/2011 (43) Publication Date : 28/11/2014

(54) Title of the invention: PEPTIDE LIGANDS OF SOMATOSTATIN RECEPTORS

(51) International classification	:A61K 38/31	(71)Name of Applicant :
(31) Priority Document No	:P200901168	1)BCN PEPTIDES S.A.
(32) Priority Date	:07/05/2009	Address of Applicant :Poligon Industrial Els Vinyets-Els
(33) Name of priority country	:Spain	Fogars Sector 2 Carretera C-244 Km. 22 08777 Sant Quintí de
(86) International Application No	:PCT/EP2010/056152	Mediona Spain.
Filing Date	:06/05/2010	(72)Name of Inventor:
(87) International Publication No	:WO/2010/128098	1)Antonio PARENTE DUEÑA
(61) Patent of Addition to Application	:NA	2)Berta PONSATI OBIOLS
Number	:NA	3)Jimena FERNÁNDEZ CARNEADO
Filing Date	.11/1	4)Marc GÓMEZ CAMINALS
(62) Divisional to Application Number	:NA	5)Ribera JORDANA I LLUCH
Filing Date	:NA	

(57) Abstract:

The invention relates to peptide derivatives of general formula (I), their stereoisomers, mixtures thereof and/or their pharmaceutically acceptable salts, a method of obtaining them, pharmaceutical compositions containing them and the use thereof for the treatment, prevention and/or diagnosis of those conditions, disorders and/or pathologies in which the sstr1, sstr2. sstr3, sstr4 and/or sstr5 somatostatin receptors are expressed.

No. of Pages: 76 No. of Claims: 26

(22) Date of filing of Application :28/03/2012

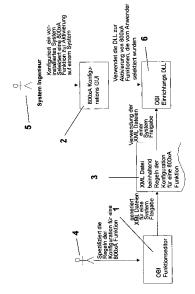
(43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD AND ARRANGEMENT FOR INSTALLING AND CONFIGURING A COMPUTER SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:G06F 9/445 :10 2009 043 287.6 :29/09/2009 :Germany :PCT/EP2010/005842 :24/09/2010 :WO 2011/038863 :NA :NA :NA	(71)Name of Applicant: 1)ABB TECHNOLOGY AG Address of Applicant: AFFOLTERNSTR. 44, CH-8050 ZÜRICH, SWITZERLAND (72)Name of Inventor: 1)STICH, CHRISTIAN 2)DIX, MARCEL 3)RUDIN, MIKAEL 4)MACZEY, SYLVIA
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(57) Abstract:

The invention relates to a method for installing and configuring a computer system, comprising the following steps: rules for the configuration and the transmission of all the programmes which are to be installed on the memory of the computer of the computer system are determined in order to provide a method and a device which enable installation and configuration steps to be carried out in a problem-free, transparent and reliable manner, characterised in that functions which are to be carried out by the computer system, in particular successively, are selected and executed, a test is then performed to determine whether a selected and/or momentarily executed and running function breaches a rule of the configuration. The invention also relates to an arrangement for installing and configuring a computer system consisting of a network of computers and a device which comprises memory device hardware, said memory device storing software which controls the hardware such that it selects and carries out, in particular successively, the functions being performed on one or more computers and tests whether a selected and/or momentarily executed and running function breaches a rule of the configuration.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.555/KOL/2014 A

(19) INDIA

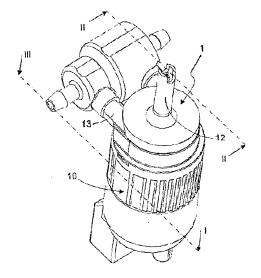
(22) Date of filing of Application: 19/05/2014 (43) Publication Date: 28/11/2014

(54) Title of the invention: PUMP

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No 	:F04D 29/00 :201310196437.2 :22/05/2013 :China :NA :NA	Address of Applicant :BAHNHOFSTRASSE 18, CH-3280 MURTEN SWITZERLAND (72)Name of Inventor: 1)GUO CHUAN JIANG 2)FANG CHUAN HUI
	: NA	· · · · · · · · · · · · · · · · · · ·
Filing Date (62) Divisional to Application Number Filing Date	:NA :NA :NA	

(57) Abstract:

A liquid pump has a pump housing defining a pump chamber. A motor is accommodated within the pump housing and separated from the pump chamber by an end cap. An impeller disposed within the pump chamber is driven by the motor. The pump chamber has an inlet and one or more outlets. The outlets are located on a sidewall of the pump chamber and extend in a direction substantially tangential to an outer circumference of the pump chamber. Each outlet has a first end near the pump chamber, and a second end remote from the pump chamber. A cross-sectional area S1 of the first end is smaller than a cross-sectional area S2 of the second end, forming a diffuser within the outlet.



No. of Pages: 21 No. of Claims: 13

(22) Date of filing of Application :23/05/2013 (43)

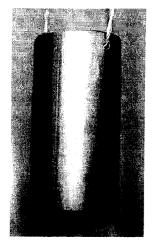
(43) Publication Date: 28/11/2014

(54) Title of the invention: 'A TEMPORARY RUST PREVENTIVE COATING COMPOSITION AND A METHOD FOR APPLICATION OF THE COATING ON THE SURFACE OF STEEL TO PREVENT DAMAGE OF THE STEEL FROM ENVIRONMENTAL HAZARDS AND HANDLING DURING TRANSPORTATION AND STORAGE OF THE STEEL.'

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number 	:C09D 5/00 :NA :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant: 1)TATA STEEL LIMITED Address of Applicant: RESEARCH AND DEVELOPMENT AND SCIENTIFIC SERVICES, JAMSHEDPUR-831001, Jharkhand India (72)Name of Inventor: 1)RITA GHOSH 2)AKSHYA GUIN 3)MONOJIT DUTTA
Filing Date	:NA	
		I .

(57) Abstract:

The invention relates to an anti-rust coating applicable to steel substrates for temporary protection of steel during transit and storage, consisting of a base solution comprising a roll coolant with 3% to 8% of raw coolant, water based polymer made with 0.5 to 4% of each silane, VTMO, AMEO & GPTMS, 0.5 to 1.0% Acetic acid and 0.25 to 1.0% Ethyl silicate as flash rust inhibitor; wherein the water-based polymer solution is in the range of about 20% up to less than 50% by volume of the total composition, wherein the flash rust inhibitor, ethyl silicate is in the range of about 0.1 to 1.0% by volume of the total composition, and wherein the base solution made with roll coolant is in the range of 50% to 80% by volume based on the total weight of the composition.



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

(22) Date of filing of Application :25/03/2011 (43) Publication Date : 28/11/2014

(54) Title of the invention: A PROCESS FOR THE BIOCONVERSION OF LIGNITE TO HUMIC ACID

		(71)Name of Applicant :
(51) International classification	:C05F11/02	1)INDIAN INSTITUTE OF TECHNOLOGY
(31) Priority Document No	:NA	Address of Applicant :KHARAGPUR-721302, West Bengal
(32) Priority Date	:NA	India
(33) Name of priority country	:NA	2)OIL AND NATURAL GAS CORPORATION LIMITED
(86) International Application No	:NA	(72)Name of Inventor:
Filing Date	:NA	1)RINTU BANERJEE
(87) International Publication No	: NA	2)UPADRASTA LAKSHMISHRI
(61) Patent of Addition to Application Number	:NA	3)SOMENATH ROY CHOWDHURY
Filing Date	:NA	4)SWARNALOK DE
(62) Divisional to Application Number	:NA	5)SAMUEL JACOB BAKTHAPRASAD
Filing Date	:NA	6)NIMMI SINGH
-		7)DILIP KALE

(57) Abstract:

This invention relates to a process for the bioconversion of lignite to humic acid in submerged condition comprising the steps of providing lignite in a medium and inoculating with a prepared innoculum, comprising the fungal strain Pleurotus sp., incubating the medium for a predetermined period followed by separation of the biomass and residual lignite from the medium, followed by extraction of the humic acid from the medium.

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

(22) Date of filing of Application: 17/10/2011 (43) Publication Date: 28/11/2014

(54) Title of the invention : METHOD FOR CONSERVING RESOURCES DURING WIRELESS HANDOVER OF A MULTI-MODE MOBILE DEVICE

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date 	:H04L 12/56 :61/180,401 :21/05/2009 :U.S.A. :PCT/US2010/034190 :10/05/2010 :WO 2010/135098 :NA :NA	(71)Name of Applicant: 1)MOTOROLA MOBILITY, INC. Address of Applicant: 600 NORTH US HIGHWAY 45, LIBERTYVILLE, IL 60048 U.S.A. (72)Name of Inventor: 1)SAYEEDI, SHAHAB M. 2)BALLANTYNE, WAYNE W.
Number	*	
(62) Divisional to Application Number Filing Date	:NA :NA	

(57) Abstract:

A method is described that is for handing over a multi-mode mobile device from a first network technology to a second network technology. The method includes initiating by the multi-mode mobile device a first packet session in a first wireless network in an area of multi-technology wireless coverage and detecting by a multi-mode mobile device a second wireless network supporting a different access network technology than the first wireless network. The method also includes determining a Quality of Service requirement for services supported by the session, and completing initial network entry and session establishment procedures by the multi-mode mobile device for a second session in the second wireless network when the first session includes at least one of a QoS sensitive service and real time service by the first wireless network and mobile device, and not completing initial network entry and session establishment procedures by the multi-mode mobile device when no QoS sensitive service and real time services are supported by the mobile device and first wireless network.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/03/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: ELECTRIC POWER MANAGEMENT SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H02J 3/38 :2009-225068 :29/09/2009 :Japan :PCT/IB2010/002225 :06/09/2010 :WO 2011/039585 :NA :NA :NA	(71)Name of Applicant: 1)PANASONIC CORPORATION Address of Applicant:1006, OAZA KADOMA, KADOMA- SHI, OSAKA 571-8501, JAPAN (72)Name of Inventor: 1)KENJI KUNIYOSI
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(21) Application No.736/KOLNP/2012 A

(57) Abstract:

An electric power management system includes a power meter connected to a power system of a commercial power source and a power conditioner connected to the power meter, a power generating device and an electric appliance. The power meter and the power conditioner are configured to exchange power information through a communications part at the side of the power meter.

No. of Pages: 70 No. of Claims: 8

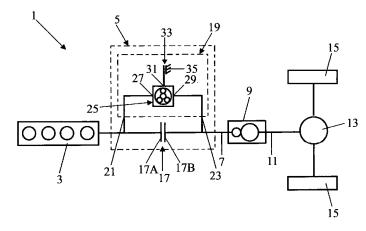
(22) Date of filing of Application :16/01/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention: TRANSIMISSION MODULE FOR A LORRY

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:F16H 3/00 :2003064 :22/06/2009 :Netherlands :PCT/NL2010/000101 :22/06/2010 :WO/2010/151113 :NA :NA	(71)Name of Applicant: 1)DTI GROUP B.V. Address of Applicant: Croy 46 NL-5653 LD Eindhoven The Netherlands (72)Name of Inventor: 1)VAN DRUTEN Roëll Marie; 2)VROEMEN Bas Gerard; 3)SERRARENS Alexander Franciscus Anita;
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(57) Abstract:

A lorry 1 comprises a combustion engine 3 which is connected via the transmission module 5 to the input shaft 7 of an automatic transmission 9 with switchable gear settings. The output shaft 11 of the transmission 9 is connected to the wheels 15 of the lorry via a differential 13. The transmission module 5 comprises a clutch 17 which has two clutch parts 17A and 17B that can be coupled to each other. The transmission module 5 further comprises a part module 19 which has an input 21 and an output 23. The part module 19 comprises a bypass transmission 25 with three rotational members 27, 29, 31 of which the third rotational member 31 can be coupled to the firm world 35 via a brake 33. With this transmission module it is possible, by operating the clutch and the brake, to switch between a gear ratio of one to one and the gear ration of the bypass transmission without interruption of the torque transfer.



No. of Pages: 27 No. of Claims: 32

(22) Date of filing of Application :02/01/2012

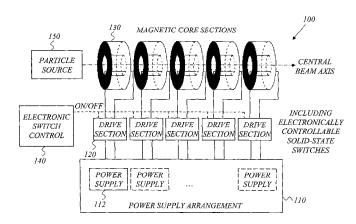
(43) Publication Date: 28/11/2014

(54) Title of the invention : IMPROVED PARTICLE ACCELERATOR AND MAGNETIC CORE ARRANGEMENT FOR A PARTICLE ACCELERATOR

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number 	:H05H7/04 :12/490,715 :24/06/2009 :U.S.A. :PCT/SE2010/050620 :04/06/2010 :WO/2010/151206 :NA :NA	(71)Name of Applicant: 1)SCANDINOVA SYSTEMS AB Address of Applicant: Ultunaállen 2A 756 51 Uppsala Sweden (72)Name of Inventor: 1)CREWSON Walter Fredrerick John 2)KALTENBORN Mark H.
(61) Patent of Addition to Application	:NA	Z)KILIENDOKIN MAIK II.
Filing Date (62) Divisional to Application Number	:NA :NA	
Filing Date	:NA	

(57) Abstract:

A particle accelerator (100) comprises a power supply arrangement (110), a plurality of solid-state switched drive sections (120), a plurality of magnetic core sections (130) and a switch control module (140). The drive sections (120) are connected to the power supply arrangement (110) for receiving electrical power therefrom, and each drive section comprises a solid-state switch, electronically controllable at turn-on and turn-off, for selectively providing a drive pulse at an output of the drive section. The magnetic core sections (130) are symmetrically arranged along a central beam axis, and each magnetic core of the sections is coupled to a respective drive section (120) through an electrical winding connected to the output of the drive section. The switch control module (140) is connected to the drive sections (120) for providing control signals to control turn-on and turn-off of the solid state switches to selectively drive magnetic cores to induce an electric field for accelerating the beam of charged particles along the beam axis.



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

(22) Date of filing of Application :23/01/2012

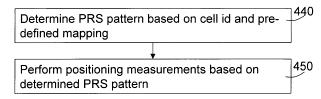
(43) Publication Date: 28/11/2014

(54) Title of the invention: METHODS AND ARRANGEMENTS IN A TELECOMMUNICATION SYSTEM

 (51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date 	:H04W 36/34 :61/219,856 :24/06/2009 :U.S.A. :PCT/SE2010/050716 :23/06/2010 :WO/2010/151217 :NA :NA :NA	(71)Name of Applicant: 1)TELEFONAKTIEBOLAGET LM ERICSSON (publ) Address of Applicant: SE-164 83 Stockholm Sweden (72)Name of Inventor: 1)KAZMI Muhammad; 2)LINDOFF Bengt; 3)MÜLLER Walter; 4)SIOMINA Iana;
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(57) Abstract:

The present invention relates to a method and a device for supporting positioning with a minimum of assistance data signalling. The method in the radio device that shall perform the positioning measurements comprises determining (440) a positioning reference signal pattern, based on a cell identity and a pre-defined mapping between the cell identity and the positioning reference signal pattern, and performing (450) positioning measurements based on the determined positioning reference signal pattern.



No. of Pages: 54 No. of Claims: 30

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :11/01/2012 (43) Publication Date : 28/11/2014

(54) Title of the invention : MANAGEMENT METHOD AND MANAGEMENT DEVICE FOR NETWORK ADDRESS TRANSLATION

(51) International classification	:G06F15/173	(71)Name of Applicant :
(31) Priority Document No	:201010257316.0	1)HUAWEI TECHNOLOGIES CO. LTD.
(32) Priority Date	:19/08/2010	Address of Applicant :Huawei Administration Building
(33) Name of priority country	:China	Bantian Longgang District Shenzhen Guangdong 518129 P.R.
(86) International Application No	:PCT/CN2011/073625	China
Filing Date	:03/05/2011	(72)Name of Inventor:
(87) International Publication No	:WO/2012/022169	1)HUANG Jing;
(61) Patent of Addition to Application	:NA	2)ZHA Min;
Number		3)LU Xushan;
Filing Date	:NA	4)ZHANG Zhongjian;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) A1		•

(21) Application No.62/KOLNP/2012 A

(57) Abstract:

The present invention discloses a management method and a management device for network address translation, and relates to the field of communications technologies. A management method for network address translation provided in an embodiment of the present invention includes: obtaining a network resource section of a client and using state information of the network resource section; adjusting the network resource section according to the using state information of the network resource section, where the adjusted network resource section can provide a network resource for all connections of the client; establishing a network address translation entry for each connection of the client according to the adjusted network resource section; and establishing a corresponding log record for the network resource section.

No. of Pages: 20 No. of Claims: 15

(22) Date of filing of Application :27/05/2013

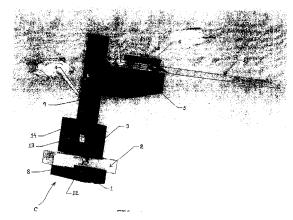
(43) Publication Date: 28/11/2014

(54) Title of the invention: END SUPPORT CLAMP FOR ELIMINATING DEFORMATION AND VIBRATION OF FREE STANDING LP TURBINE BLADES DURING TIP END CUTTING ON VERTICAL MILLING MACHINE (VMC)

(51) International planei Gostion	:F01D	(71)Name of Applicant: 1)BHARAT HEAVY ELECTRICALS LIMITED
(51) International classification	5/00	Address of Applicant :REGIONAL OPERATIONS
(31) Priority Document No	:NA	DIVISION(ROD), PLOT NO:9/1, DJ BLOCK 3RD FLOOR,
(32) Priority Date	:NA	KARUNAMOYEE, SALTLAKE CITY, KOLKATA-700091,
(33) Name of priority country	:NA	HAVING ITS REGISTERED OFFICE AT BHEL HOUSE, SIRI
(86) International Application No	:NA	FORT, NEW DELHI - 110049, India
Filing Date	:NA	(72)Name of Inventor:
(87) International Publication No	: NA	1)SANJAY KUMAR SETH
(61) Patent of Addition to Application Number	:NA	2)DIPANKAR SHOW
Filing Date	:NA	3)RAM PRAVESH
(62) Divisional to Application Number	:NA	4)VINAY KUMAR SINGH
Filing Date	:NA	5)JITENDRA KUMAR SHARMA
		6)SUDAM KUMAR SAHOO

(57) Abstract:

An end support clamp for eliminating deformation and vibration of free standing LP turbine blades during tip end cutting on vertical milling machine is made of a base (1) fixed to the machine base, a unit (2) having a slotted portion (12) at the top for accommodating unit (3), a unit (3) having a window slot (13) and a slot (14) for accommodating unit (4) when unit (3) is fixed with unit (2) using T-nut and a bolt. The T-nut fits into the T-slot P2 of unit (2). Unit (4) bolted to unit (3), is having slot (9) for facilitating the unit (5) to move up and down. A unit 6 is placed over unit (5) with the help of a hinge pin (15), spring (7) and a bolt (10) for clamping the blade (11). All units are hardened and ground.



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

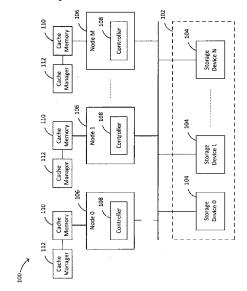
(22) Date of filing of Application :24/05/2013

(43) Publication Date: 28/11/2014

(54) Title of the invention : SYSTEM AND METHOD OF REBUILDING READ CACHE FOR A REBOOTED NODE OF A MULTIPLE-NODE STORAGE CLUSTER

(57) Abstract:

The disclosure is directed to a system and method for managing cache memory of at least one node of a multiple-node storage cluster. According to various embodiments, a first cache data and a first cache metadata are stored for data transfers between a respective node and regions of a storage cluster receiving at least a first selected number of data transfer requests. When the node is rebooted, a second (new) cache data is stored to replace the first (old) cache data. The second cache data is compiled utilizing the first cache metadata to identify previously cached regions of the storage cluster receiving at least a second selected number of data transfer requests after the node is rebooted. The second selected number of data transfer requests to enable a rapid build of the second cache data.



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

PUBLICATION U/S 84(3) IN RESPECT OF APPLICANTION FOR RESTORATION OF PATENT (DELHI)

Notice is hereby given that any person interested in opposing the following application for restoration of Patent under Section 60 of the Patent Act, 1970 may at any time within 2 months from the date of Publication of this notice, given notice to the Controller of Patent at the appropriate office on the prescribed form 14 under Rule 85 of the Patent Rules, 2003

PATEN T NO.	APPLICANTS	TITLE	DATE OF CESSATIO N	APPROPRIAT E OFFICE
189673	PARDEEP KUMAR ROHATGI. An Indian National.	A METHOD TO PRODUCE A METAL MATRIX COMPOSITE CONTAINING REINFORCING MATERIAL	30/03/2013	DELHI
231927	EMISPHERE TECHNOLOGIES, INC	:A pharmaceutical composition containing insulin as the active agent and the delivery agent being the monosodium salt of 4-CNAB (Sodium N-[4-(4-chloro-2hydroxybenzoyl)amino1 butanoic acid)	07/01/2012	DELHI

AMENDMENT UNDER SEC. 57 (KOLKATA)

(1)

An application for change in address for service from Dr. A. Basu C/o D. Sen & Co. 6, Old Post Office Street, Ground Floor Kolkata - 700001 to Dr. Amarjyoti Basu, 'Labanya', Flat - 2B, 130/1 Brahmo Samaj Road, Kolkata - $700\,034$ in respect of Patent No. $235705\,(551/\text{KOL}/2007)$ was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(2)

An application for change in the name of the Patentee from Fasertechnik GmbH Co. KG to NAUE GmbH & Co. KG in respect of Patent No. 201191 (95/CAL/2000) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

(3)

An application for change in address for service from I. BANERJEE C/O L. S. DAVAR & CO., MONALISA, FLATS 1B & 1C CAMAC STREET, KOLKATA-700 017 to Law Firm of Naren Thappeta, #7, Sigma Soft Tech Park, 5th Floor, Beta Block, Whitefield Main Road, Opp. To Varthur Lake, Varthur Kodi, Bangalore, India – 560 066 in respect of Patent No. 262708 (2045/KOLNP/2005) was filed. Any person interested may at any time within three months from the date of this publication give notice on Form-14, if any, to the Controller of Patents, at the appropriate office.

Nu	Patent Numbe r	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	263782	138/DELNP/ 2004	26/07/2002	26/07/2001	DIMERIZATION OF ISOBUTANE USING A CATION EXCHANGE RESIN	NESTLE OIL OYJ	24/02/2006	DELHI
2	263792	2548/DELN P/2004	21/02/2003	01/03/2002	AUDIO DATA DELETION AND SILENCING DURING TRICK MODE REPLAY	THOMSON LICENSING S.A.,SCHULTZ, MARK, ALAN,SCHMIDT, ROBERT, WARREN	09/10/2009	DELHI
3	263794	4726/DELN P/2006	17/12/2004	23/01/2004	METHOD FOR ADJUSTING THE VALUE OF A DATA RATE POINTER FOR UPLINK TRANSMISSION	SISVEL INTERNATIONAL S.A.	24/08/2007	DELHI
4		4203/DELN P/2006	01/02/2005	03/02/2004	METHOD AND APPARATUS TO PROVIDE GROUP MANAGEMENT OF MULTIPLE LINK IDENTIFIERS FOR COLLECTIVE MOBILITY	METHOD AND APPARATUS TO PROVIDE GROUP MANAGEMENT OF MULTIPLE LINK IDENTIFIERS FOR NOKIA SIEMENS NETWORKS OY		DELHI
5	263796	4892/DELN P/2008	04/12/2006	08/12/2005	SHEET LIKE DOSAGE FORMS AND A METHOD FOR THE PRODUCTION THEREOF LTS LOHMANN THERAPIE-SYSTEME AG		08/08/2008	DELHI
6	263797	5905/DELN P/2005	08/06/2004	30/06/2003	AN AIR CAP FOR KEEPING A SPRAY NOZZLE WITH A FLAT SPRAY CLEAN BALDWIN JIMEK AB		30/11/2007	DELHI
7	263798	9120/DELN P/2007	23/05/2006	31/05/2005	NOVEL POLYSILOXANE SUNSCREENS			DELHI
8	263802	1922/DELN P/2006	08/10/2004	14/10/2003	BRIDGE COMPRISING TOWERS, BRIDGE DECK, MAIN SUSPENSION CABLE, SUSPENSION HANGERS AND DIAGONAL CABLE-STAYS		10/08/2007	DELHI
9	263803	881/DELNP/ 2008	31/08/2006	01/09/2005	A HOMOGENEOUS PHARMACEUTICAL COMPOSITION AND PROCESS OF PREPARATION THEREOF	A HOMOGENEOUS PHARMACEUTICAL COMPOSITION AND PROCESS MEDA AB		DELHI
10	263804	7845/DELN P/2006	13/05/2005	03/06/2004	DATA STREAM RECOVERY	MSTAR SEMICONDUCTOR,INC.	17/08/2007	DELHI
11	263816	7988/DELN P/2007	20/04/2006	06/05/2005	SCAVENGERS FOR REMOVAL OF ACID GASES FROM FLUID STREAMS	UOP LLC	09/11/2007	DELHI
12	1/64X1/	3637/DELN P/2004	25/06/2003	26/06/2002	A METHOD AND DEVICE FOR CONNECTING CLIENT DEVICES TO A NETWORK	INTERNATIONAL BUSINESS MACHINE CORPORATION	09/10/2009	DELHI

13	263831	4769/DELN P/2006	28/02/2005	26/02/2004	ACTIVE MANIPULATION OF LIGHT IN A LSILICON-ON- INSULATOR (SOI) STRUCTUSRE.	LIGHTWIRE INC.,GOTHOSKAR, Prakash ,GHIRON, Margaret ,MONTGOMERY, Robert, Keith ,PATEL, Vipulkumar ,SHASTRI, Kalpendu ,PATHAK, Soham ,YANUSHEFSKI,	31/08/2007	DELHI
14	263836	2927/DELN P/2010	01/10/2008	24/10/2007	PROCESS FOR MANUFACTURING DISULFONIC ACID	Katherine, A. NATIONAL UNIVERSITY CORPORATION	04/11/2011	DELHI
15	263843	4899/DELN P/2007	27/12/2005	27/12/2004	A PHARMACEUTICAL COMPOSITION COMPRISING A LIPID COMPOSITION	NAGOYA UNIVERSITY SILENCE THERAPEUTICS AG	17/08/2007	DELHI
16	263844	408/DEL/20 06	14/02/2006	04/03/2006	STERILE SYRINGE	MILLIPORE AKTIEBOLAG	07/09/2007	DELHI
17	263868	2655/DEL/2 007	18/12/2007	19/12/2006	IMAGE INTENSIFIER	KABUSHIKI KAISHA TOSHIBA,TOSHIBA ELECTRON TUBES & DEVICES CO., LTD	05/09/2008	DELHI
18	263869	9254/DELN P/2007	16/06/2006	16/06/2005	COMPOUNDS FOR THE TREATMENT OF MULTI- DRUG RESISTANT BACTERIAL INFECTIONS	ASTRAZENECA AB	18/01/2008	DELHI
19	263870	1391/DELN P/2007	29/09/2005	30/09/2004	HIV INHIBITING 5- SUBSTITUTED PYRIMIDINES	TIBOTEC PHARMACEUTICALS LTD.,	17/08/2007	DELHI
20	263871	9500/DELN P/2008	11/04/2007	22/04/2006	A PROCESS FOR STABILIZATION OF DIESTERS OF DICARBONIC ACID	LANXESS DEUTSCHLAND GMBH	27/03/2009	DELHI
21	263873	4554/DELN P/2006	11/02/2005	11/02/2004	COUNTER CURRENT MIXING REACTOR	PROMETHEAN PARTICLES LIMITED	10/08/2007	DELHI
22	263875	1330/DELN P/2004	29/11/2002	30/11/2001	PROCESS FOR CRYSTALLIZATION OF POLYTRIMETHYLENE TEREPHTHALATE (PTT)	LURGI ZIMMER GMBH.,	16/03/2007	DELHI
23	263891	5022/DELN P/2009	31/01/2008	31/01/2007	A SYSTEM AND MODULE FOR RECYCLING DRILLING FLUID AND METHOD OF OPERATING THE SAME	M-I LLC	05/03/2010	DELHI
24	263902	2344/DELN P/2008	22/08/2006	22/08/2005	METHOD FOR THE PRODUCTION OF DOUBLE- LAYER AND TRIPLE-LAYER MICROCAPSULES FOR TOPICAL APPLICATION.	TAGRA BIOTECHNOLOGIES LTD	11/07/2008	DELHI

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1	263786	235/MUMNP/2009	23/07/2007	01/08/2006	A CALCIUM OXIDE- SILICA COMPOSITE BIOMATERIAL	HINDUSTAN UNILEVER LIMITED	15/05/2009	MUMBAI
2	263791	875/MUMNP/2008	25/10/2006	25/10/2005	A METHOD AND APPARATUS FOR OPTIMIZING CAPACITY IN A WIRELESS COMMUNICATION	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
3	263801	1141/MUMNP/200 8	13/11/2006	10/11/2005	EXPANSION OF A STACKED REGISTER FILE USING SHADOW REGISTERS	QUALCOMM INCORPORATED	05/09/2008	MUMBAI
4	263808	1429/MUMNP/200 8	22/01/2007	20/01/2006	EFFICIENT MEMORY HIERARCHY MANAGEMENT	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
5	263814	2437/MUMNP/200 8	18/05/2007	07/06/2006	MIXING TECHNIQUES FOR MIXING AUDIO	QUALCOMM INCORPORATED	13/02/2009	MUMBAI
6	263818	1109/MUM/2006	13/07/2006		IMPROVED COSMETIC COMPOSITION	HINDUSTAN UNILEVER LIMITED	18/07/2008	MUMBAI
7	263820	561/MUMNP/2009	11/09/2007	22/09/2006	VACUUM PROCESSING APPARATUS	ULVAC INC	22/05/2009	MUMBAI
8	263821	551/MUMNP/2010	18/07/2008	09/10/2007	AN AQUEOUS SURFACE-TREATING AGENT	NOK KLUBER CO. LTD.,NOK CORPORATION	13/08/2010	MUMBAI
9	263824	1424/MUMNP/200 8	20/12/2006	22/12/2005	METHODS AND APPARATUS RELATED TO DETERMINING, COMMUNICATING, AND/OR USING DELAY INFORMATION IN A WIRELESS COMMUNICATIONS SYSTEM	QUALCOMM INCORPORATED	19/09/2008	MUMBAI
10	263839	1065/MUMNP/2007	14/12/2005	17/12/2004	OPTICAL TRANSIT TIME VELOCIMETER	PHOTON CONTROL INC.	24/08/2007	MUMBAI
11	263841	856/MUMNP/2008	27/10/2006	27/10/2005	METHOD AND APPARATUS FOR SAVING POWER IN A RADIO COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	27/06/2008	MUMBAI

12	263846	2319/MUM/2008	29/10/2008		AMPLIFIED FLUORESCENCE POLYMERS	INDIAN INSTITUTE OF TECHNOLOGY, BOMBAY,BIGTEC PRIVATE LIMITED	06/08/2010	MUMBAI
13	263849	2136/MUMNP/200 9	21/04/2008	18/05/2007	LAUDRY DETERGENT COMPOSITION COMPRISING TRIPHENODIOXAZIN E DYES	HINDUSTAN UNILEVER LIMITED.	25/06/2010	MUMBAI
14	263852	1043/MUM/2008	15/05/2008 14:28:51		A PROCESS FOR THE PREPARATION OF P- ANISIC ACID	Dr. Pankaj J. Gandhi	23/07/2010	MUMBAI
15	263854	1791/MUM/2006	30/10/2006 12:23:12		PHARMACEUTICAL COMPOSITION OF ENTACAPONE, LEVODOPA AND CARBIDOPA	WOCKHARDT LTD	18/07/2008	MUMBAI
16	263855	2512/MUMNP/201 0	09/06/2009	13/06/2008	PEGYLATED INSULIN LISPRO COMPOUND	ELI LILLY AND COMPANY	03/06/2011	MUMBAI
17	263856	1580/MUMNP/200 9	23/02/2007	23/02/2007	PROCESS FOR PRODUCING AND PURIFYING FACTOR VIII AND ITS DERIVATIVES	SK CHEMICALS CO. LTD.	30/04/2010	MUMBAI
18	263859	1878/MUMNP/200 9	03/04/2008	04/04/2007	PROCESS FOR PREPARATION OF ERLOTINIB AND ITS PHARMACEUTICALL Y ACCEPTABLE SALTS	CIPLA LIMITED	26/02/2010	MUMBAI
19	263865	1922/MUMNP/200 8	04/04/2007	04/04/2006	FRAME LEVEL MULTIMEDIA DECODING WITH FRAME INFORMATION TABLE	QUALCOMM INCORPORATED	26/06/2009	MUMBAI
20	263888	1166/MUMNP/200 8	06/10/2006	06/10/2006	METHOD, OPTICAL LINK OR OPTICAL NETWORK AND A CONTROL UNIT FOR CONTROLLING OPERATION OF AMPLIFIER	TELEFONAKTIEB OLAGET LM ERICSSON (PUBL)	19/09/2008	MUMBAI
21	263892	196/MUM/2005	22/02/2005		AN ORAL CONTROLLED RELEASE PHARMACEUTICAL COMPOSITION	SUN PHARMACEUTIC AL INDUSTRIES LTD	25/05/2007	MUMBAI

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1	263777	1041/CHENP /2007	07/09/2005	13/09/2004	BELT END CONNECTION FOR FASTENING AN END OF A SUPPORT BELT IN A LIFT INSTALLATION AND METHOD FOR FASTENING AN END OF A SUPPORT BELT IN A LIFT INSTALLATION	INVENTIO AG	17/08/2007	CHENNAI
2	263778	2252/CHENP /2007	20/10/2005	20/10/2005	IDENTIFICATION DEVICE AND METHOD FOR MANUFACTURING THEREOF	ALLFLEX EUROPE SAS	07/09/2007	CHENNAI
3	263781	3686/CHENP /2007	24/01/2006	24/01/2005	ASSEMBLY FOR PROVIDING FLEXURE TO BLADE SYSTEM	Bell Helicopter Textron, Inc.	27/06/2008	CHENNAI
4	263783	1751/CHENP /2009	26/10/2007	26/10/2006	COMPRESSED MODE (CM) WITH CONTINUOUS PACKET CONNECTIVITY (CPC)	Qualcomm Incorporated	26/03/2010	CHENNAI
5	263784	80/CHE/2007	12/01/2007 16:50:40		SINGLE GRIDDED DUAL REFLECTOR ANTENNA	INDIAN SPACE RESEARCH ORGANISATIO N	28/11/2008	CHENNAI
6	263785	2664/CHENP /2007	13/12/2005	21/12/2004	PROCESS FOR THE CONVERSION OF A C4/C5 OLEFIN CUT TO PROPYLENE WITH CO- PRODUCTION OF GASOLINE	INSTITUT FRANCAIS DU PETROLE	07/09/2007	CHENNAI
7	263789	1311/CHE/20 05	16/09/2005		A PROCESS FOR PULSE HARD ANODISING OF ALUMINIUM AND ITS ALLOYS	DEPARTMENT OF SPACE, INDIAN SPACE RESEARCH ORGANISATIO N(ISRO)	03/08/2007	CHENNAI
8	263790	4174/CHENP /2007	13/03/2006	23/03/2005	COATING COMPOSITIONS FOR MARKING SUBSTRATES	BASF SE	16/11/2007	CHENNAI
9	263793	2456/CHENP /2009	13/11/2007	13/11/2006	METHOD FOR FORMING ORGANIC THIN FILM	NIPPON SODA CO., LTD.	02/04/2010	CHENNAI
10	263799	1650/CHE/20 05	11/11/2005	12/11/2004	A METHOD FOR CONTROLLING A COMMUNICATIONS SYSTEM	LUCENT TECHNOLOGI ES INC.	28/09/2007	CHENNAI
11	263807	870/CHE/200 7	24/04/2007	24/04/2006	A PROCESS FOR PRODUCING GASOLINES WITH A LOW SULPHUR AND MERCAPTANS CONTENT	IFP	28/11/2008	CHENNAI
12	263811	5487/CHENP/20 07	29/05/2006	31/05/2005	SYNERGISTIC FUNGICIDAL COMPOSITIONS	ISAGRO S.p.A	03/05/2013	CHENNAI
13	263812	598/CHENP/200 8	05/07/2006	05/07/2005	METHOD FOR PRODUCING CATALYST COMPRISING MOLYBDENUM, BISMUTH AND IRON	MITSUBISHI RAYON CO., LTD	28/11/2008	CHENNAI

14	263819	1080/CHENP /2007	16/08/2005	16/08/2004	A COMMUNICATIONS METHOD FOR A CELLULAR COMMUNICATIONS NETWORK	QUALCOMM INCORPORAT ED	17/08/2007	CHENNAI
15	263826	5382/CHENP /2008	16/01/2007	09/03/2006	YARN TENSIOMETER	IRO AB	20/03/2009	CHENNAI
16	263838	3192/CHENP /2007	11/02/2005	23/12/2004	DEVICE AND METHOD FOR GENERATING AND TRANSMITTING A FRAME IN WIRELESS COMMUNICATION SYSTEM	ELECTRONICS AND TELECOMMU NICATIONS RESEARCH INSTITUTE	12/10/2007	CHENNAI
17	263840	4075/CHENP /2007	02/03/2006	15/03/2005	A METHOD FOR PREPARING ENANTIOMERICALLY PURE 4- PYRROLIDINO DERIVATIVES	F. HOFFMANN- LA ROCHE AG	23/11/2007	CHENNAI
18	263845	6867/CHENP /2008	28/06/2007	03/07/2006	THE METHOD OF MANAGEMENT DURING TRANSMISSION IN RELAY NETWORKS AND CORRESPONDING RELAY STATION	Nokia Corporation	21/08/2009	CHENNAI
19	263847	5278/CHENP /2008	12/04/2007	12/04/2006	APPARATUS AND METHOD FOR DETECTION OF STATIONS FOR WIRELESS COMMUNICATION	QUALCOMM INCORPORAT ED	20/03/2009	CHENNAI
20	263848	5279/CHENP /2008	14/04/2007	14/04/2006	A METHOD OF OPERATING A BASE STATION TO COMMUNICATE INFORMATION	QUALCOMM INCORPORAT ED	20/03/2009	CHENNAI
21	263851	6315/CHENP /2008	16/05/2007	19/05/2006	SEPARATOR CONSTRUCTION OF A FLUIDIZED BED BOILER	FOSTER WHEELER ENERGIA OY	27/03/2009	CHENNAI
22	263853	434/CHE/200 9	26/02/2009 16:52:59	14/03/2008	GRAB RAIL STRUCTURE FOR SADDLE-RIDE TYPE VEHICLES	HONDA MOTOR CO.,LTD.	18/09/2009	CHENNAI
23	263858	6863/CHENP /2008	03/08/2007	09/08/2006	ACCESS TERMINAL CONDITIONALLY OPENING A DATA SESSION	Qualcomm Incorporated	21/08/2009	CHENNAI
24	263864	669/CHE/200 8	18/03/2008		A METHOD OF COMMUNICATION IN DWDM SYSTEM	UNITED TELECOMS LTD	25/09/2009	CHENNAI
25	263874	587/CHENP/ 2009	27/12/2006	27/10/2006	DATA COMMUNICATION METHOD, COMMUNICATION SYSTEM, AND MOBILE TERMINAL	MITSUBISHI ELECTRIC CORPORATIO N	05/06/2009	CHENNAI
26	263896	1374/CHE/2007	27/06/2007 15:11:08		SYSTEM AND METHOD FOR LABEL KEY MESSAGES	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	09/01/2009	CHENNAI
27	263899	4581/CHENP/20 07	05/04/2006	15/04/2005	REVERSE PHASE HYDROPHILIC POLYMERS AND WATER-SWELLABLE ELASTOMERIC COMPOSITIONS	CIBA HOLDING INC.	11/01/2008	CHENNAI
28	263908	1193/CHE/2007	08/06/2007		METHOD AND SYSTEM FOR PRESENCE BASED PRESENCE NOTIFICATION FILTERING	SAMSUNG R&D INSTITUTE INDIA- BANGALORE PRIVATE LIMITED	26/12/2008	CHENNAI

Ser ial Nu mb er	Patent Numbe r	Application Number	Date of Applicatio	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	263776	690/KOLNP/ 2007	21/08/2005	02/09/2004	TANGENTIAL CUTTING INSERT AND MILLING CUTTER	INGERSOLL CUTTING TOOL COMPANY	06/07/2007	KOLKATA
2	263779	2161/KOLNP /2008	20/11/2006	22/11/2005	DEVICE FOR CONNECTION TO AN IMPEDANCE HAVING A MAINLY INDUCTIVE CHARACTER	ATLAS COPCO AIRPOWER N V.	16/01/2009	KOLKATA
3	263780	3689/KOLNP /2006	06/06/2005	04/06/2004	A SYSTEM FOR LIMITING A FORCE ACTING ON A GEAR SHIFTING MECHANISM	KONGSBERG AUTOMOTIVE AS	15/06/2007	KOLKATA
4	263787	3402/KOLNP /2008	15/02/2007	15/02/2006	NON-AQUEOUS ELECTROLYTE AND ELECTROCHEMICAL DEVICE WITH AN IMPROVED SAFETY	LG CHEM, LTD.	13/02/2009	KOLKATA
5	263788	268/KOLNP/ 2009	21/06/2007	21/06/2006	PROCESS FOR THE PRODUCTION OF PROPYLENE POLYMERS	TOTAL PETROCHEMICAL S RESEARCH FELUY	08/05/2009	KOLKATA
6	263800	1169/KOLNP /2008	09/10/2006	07/10/2005	PYRIDOPYRIMIDINONE INHIBITORS OF PI3KALPHA	EXELIXIS, INC.	22/08/2008	KOLKATA
7	263805	IN/PCT/2001 /1096/KOL	02/03/2001	02/03/2000	POWER GENERATOR UNIT COMPOSED OF A GENERATOR AND A PISTON INTERNAL COMBUSTION ENGINE AS THE DRIVE	MOTORENFABRI K HATZ GMBH & CO. KG	28/09/2012	KOLKATA
8	263806	3437/KOLNP /2008	02/03/2007	08/03/2006	ARRESTER FOR ELECTRICAL EQUIPMENTS	FUJI ELECTRIC CO., LTD.	13/02/2009	KOLKATA
9	263809	2059/KOLNP /2007	12/04/2005	16/12/2004	LEADFRAME HAVING A HEAT SINK SUPPORTING RING, FABRICATING METHOD OF A LIGHT EMITTING DIODE PACKAGE USING THE SAME AND LIGHT EMITTING DIODE PACKAGE FABBRICATED BY THE METHOD	SEOUL SEMICONDUCTO R CO., LTD.	10/08/2007	KOLKATA

10	263810	3779/KOLNP /2007	21/03/2006	01/04/2005	A TEST MEDIUM SUITABLE FOR DETECTING, QUANTIFYIN G OR DIFFERENTIATING GENERAL COLIFORMS, E. COLI, AERO MONAS AND SALMONELLA	MICROLOGY LABORATORIES, LLC.	07/03/2008	KOLKATA
11	263813	4841/KOLNP /2008	31/05/2007	23/06/2006	AMINO DERIVATIVES OF B-HOMOANDROSTANES AND B- HETEROANDROSTANES	SIGMA-TAU INDUSTRIE FARMACEUTICH E RIUNITE S.P.A.	20/03/2009	KOLKATA
12	263815	1877/KOLNP /2008	10/11/2006	23/11/2005	METHOD AND BASE STATION FOR OPERATING A WIRELESS COMMUNICATION NETWORK	MOTOROLA MOBILITY, INC.	09/01/2009	KOLKATA
13	263822	270/KOLNP/ 2009	17/07/2007	18/07/2006	PROCESS FOR SYNTHESIZING 2,4- DIAMINO BENZENE SULFONIC ACID AND SALTS THEREOF	SHANGHAI WORLD- PROSPECT INTERNATIONAL TRADE CO., LTD.,SHANGHAI WORLD- PROSPECT INDUSTRIAL CO., LTD.	08/05/2009	KOLKATA
14	263823	342/KOL/200 7	09/03/2007	14/03/2006	CATALYTIC COMPOSITION FOR FLUIDIZED CATALYTIC CRACKING OF HYDROCARBONS AND METHOD FOR PRODUCING THE SAME	CATALYSTS & CHEMICALS INDUSTRIES CO., LTD.	05/10/2007	KOLKATA
15	263825	1294/KOL/20 06	28/11/2006		CONDITIONING COMPOSITIONS HAVING VOLUMIZING PROPERTIES	ITC LIMITED	10/04/2009	KOLKATA
16	263827	2686/KOLNP /2007	29/12/2004	29/12/2004	A DISTRIBUTED AUTO DISCOVERING NAME SERVICE FOR MULTIHOP WIRELESS AD HOC NETWORKS	TELEFONAKTIEB OLAGET LM ERICSSON (publ)	31/08/2007	KOLKATA
17	263828	4570/KOLNP /2008	12/05/2006	12/05/2006	A SYSTEM HAVING A FIELD DEVICE AND A CONVERTER DEVICE AND METHOD FOR OPERATION	SIEMENS AKTIENGESELLS CHAFT	13/03/2009	KOLKATA
18	263829	1868/KOLNP /2009	05/10/2007	30/10/2006	PRINTABLE MEDIUM FOR ETCHING OXIDIC, TRANSPARENT AND CONDUCTIVE LAYERS	MERCK PATENT GMBH	12/06/2009	KOLKATA
19	263830	2103/KOLNP /2007	12/10/2005	17/11/2004	UPDATING CONFIGURATION PARAMETERS IN A MOBILE TERMINAL	TELEFONAKTIEB OLAGET LM ERICSSON (PUBL)	17/08/2007	KOLKATA

263832	2621/KOLNP /2007	22/12/2004	22/12/2004	DATA FLOW CONTROL WITH DUPLICATE ACKNOWLEDGEMENT	TELEFONAKTIEB OLAGET LM ERICSSON (PUBL)	31/08/2007	KOLKATA
263833	2958/KOLNP /2006	20/03/2004	20/03/2004	METHOD AND NETWORK NODE FOR A CALL SET UP.	TELEFONAKTIEB OLAGET LM ERICSSON (publ)	08/06/2007	KOLKATA
263834	2427/KOLNP /2007	08/12/2004	08/12/2004	A FERROELECTRIC LENS	TELEFONAKTIEB OLAGET LM ERICSSON (PUBL)	24/08/2007	KOLKATA
263835	76/KOL/2006	17/04/2001	05/10/1998	A METHOD FOR IMPROVING THE PERFORMANCE OF A RANDOM ACCESS MOBILE COMMUNICATIONS SYSTEM AND A SYSTEM THEREOF	TELEFONAKTIEB OLAGET LM ERICSSON [PUBL]	03/08/2007	KOLKATA
263837	1850/KOLNP /2007	29/10/2004	29/10/2004	RESOURCE ALLOCATION IN COMMUNICATION NETWORKS	TELEFONAKTIEB OLAGET LM ERICSSON (PUBL)	10/08/2007	KOLKATA
263842	4855/KOLNP /2008	04/05/2007	05/05/2006	TITANIUM DIOXIDE BASED COLOUR CONCENTRATE FOR POLYESTER MATERIALS	HOLLAND COLOURS N.V.	20/03/2009	KOLKATA
263850	711/KOLNP/ 2008	04/10/2006	04/10/2005	TWO LINE GAS SPECTROSCOPY CALIBRATION	ZOLO TECHNOLOGIES, INC.	21/11/2008	KOLKATA
263857	3669/KOLNP /2006	13/07/2005	14/07/2004	HEALTH FOOD	NIHON PACK CO.	15/06/2007	KOLKATA
263860	4141/KOLNP /2008	11/04/2007	13/04/2006	AMINO DERIVATIVES OF ANDROSTANES AND ANDROSTENES AS MEDICAMENTS FOR CARDIOVASCULAR DISORDERS	SIGMA-TAU INDUSTRIE FARMACEUTICH E RIUNITE S.P.A.	06/03/2009	KOLKATA
263861	3621/KOLNP /2008	14/03/2007	14/03/2006	NOVEL 1,2,3,4- TETRAHYDROQUINOXAL INE DERIVATIVE HAVING GLUCOCORTICOID RECEPTOR BINDING ACTIVITY	SANTEN PHARMACEUTIC AL CO., LTD.	20/02/2009	KOLKATA
263862	3551/KOLNP /2007	23/03/2006	13/04/2005	AUDIO METADATA VERIFICATION	DOLBY LABORATORIES LICENSING CORPORATION	18/01/2008	KOLKATA
263863	832/KOL/200 8	07/05/2008 16:06:24	06/06/2007	SEMICONDUCTOR DEVICES WITH LAYERS HAVING EXTENDED PERIMETERS FOR IMPROVED COOLING AND METHODS FOR COOLING SEMICONDUCTOR DEVICES	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	24/04/2009	KOLKATA
	263833 263834 263835 263837 263842 263850 263860 263860	263832 /2007	263832 /2007 22/12/2004 263833 2958/KOLNP 20/03/2004 263834 2427/KOLNP 08/12/2004 263837 76/KOL/2006 17/04/2001 263837 76/KOLNP 29/10/2004 263842 4855/KOLNP 04/05/2007 263850 711/KOLNP/ 2008 04/10/2006 263857 3669/KOLNP 13/07/2005 263860 4141/KOLNP 11/04/2007 263861 3621/KOLNP 11/04/2007 263862 3551/KOLNP 23/03/2006 263862 3551/KOLNP 23/03/2006 263863 832/KOL/200 07/05/2008 263863 26	263832 /2007 22/12/2004 22/12/2004 263833 2958/KOLNP 20/03/2004 20/03/2004 263834 2427/KOLNP 08/12/2004 08/12/2004 08/12/2004 263835 76/KOL/2006 17/04/2001 05/10/1998 263837 1850/KOLNP 29/10/2004 29/10/2004 263842 4855/KOLNP 04/05/2007 05/05/2006 263850 711/KOLNP 04/10/2006 04/10/2005 263857 3669/KOLNP 13/07/2005 14/07/2004 263860 4141/KOLNP 13/07/2005 14/07/2004 263860 3621/KOLNP 11/04/2007 13/04/2006 263861 3621/KOLNP 23/03/2006 13/04/2005 263862 3551/KOLNP 23/03/2006 13/04/2005 263863 832/KOL/200 07/05/2008 06/06/2007 263863 832/KOL/200 07/05/2008 06/06/2007 263863 832/KOL/200 07/05/2008 06/06/2007 263863 832/KOL/200 07/05/2008 06/06/2007 263863 263863 263860 263863 263860 263863 263860 263863 263860 263863 263860 263863 263863 263860 263863 263860 263863 263860 263863 263863 263863 263860 263863 263863 263860 263863 2638	263832 2621/KOLNP 22/12/2004 22/12/2004 WITH DUPLICATE ACKNOWLEDGEMENT	263832 2621/KOLNP 22/12/2004 22/12/2004 ACKNOWLEDGEMENT ERICSSON (PUBL)	263832 2621KOLNP 22/12/2004 22/12/2004 WITH DUPLICATE CACKNOWLEDGEMENT CRICSSON (PUBL) CRICSSON (PUBL)

32	263866	4515/KOLNP/ 2007	24/05/2006	25/05/2005	PROCESS FOR THE PREPARATION OF IRIDIUM ACETATE	UMICORE AG & CO. KG	04/04/2008	KOLKATA
33	263867	3409/KOLNP /2008	26/02/2007	27/02/2006	PYRIMIDINYL SULFONAMIDE COMPOUNDS WHICH INHIBIT LEUKOCYTE ADHESION MEDIATED BY VLA-4	ELAN PHARMACEUTIC ALS, INC.	13/02/2009	KOLKATA
34	263872	612/KOLNP/ 2007	11/11/2005	22/11/2004	MODULAR AUTOMATION SYSTEM	ABB PATENT GMBH	06/07/2007	KOLKATA
35	263876	4692/KOLNP /2008	29/05/2007	29/05/2006	RETRANSMISSION APPARATUS AND METHOD IN WIRELESS RELAY COMMUNICATION SYSTEM	SAMSUNG ELECTRONICS CO. LTD.	13/03/2009	KOLKATA
36	263877	530/KOL/200 6	01/06/2006	05/08/2005	PROCESS FOR ISOLATING VINYL ACETATE	Celanese Chemicals Europe GMBH	13/07/2007	KOLKATA
37	263878	3548/KOLNP /2008	06/03/2007	06/03/2006	SUBSTRATE PROVIDED WITH A MULTILAYER HAVING THERMAL PROPERTIES	SAINT-GOBAIN GLASS FRANCE	20/02/2009	KOLKATA
38	263879	3235/KOLNP /2008	09/11/2007	09/11/2006	METHOD AND APPARATUS FOR DECODING/ENCODING A VIDEO SIGNAL	LG ELECTRONICS INC.	13/02/2009	KOLKATA
39	263880	3285/KOLNP /2007	07/02/2006	07/02/2005	ETHANOL PRODUCTION FROM CITRUS PROCESSING WASTE	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE,R ENEWABLE SPIRITS, LLC	04/01/2008	KOLKATA
40	263881	81/KOL/2007	22/01/2007 15:54:08	11/09/2006	DISPLAY MODULE AND APPARATUS FOR MOBILE COMMUNICATION HAVING THE SAME	LG ELECTRONICS, INC.	25/04/2008	KOLKATA
41	263882	4792/KOLNP /2007	16/06/2006	17/06/2005	HEAT-SETTING INK COMPOSITION FOR OFFSET PRINTING	SAKATA INX CORP.	02/01/2009	KOLKATA
42	263883	4430/KOLNP /2008	28/03/2002	02/04/2001	AN ANALYSIS FILTER BANK PART FOR FILTERING REAL- VALUED TIME DOMAIN SIGNALS	DOLBY SWEDEN AB	13/03/2009	KOLKATA
43	263884	1745/KOL/20 08	15/10/2008 16:22:31	30/10/2007	ANODE BLEED FLOW DETECTION AND REMEDIAL ACTIONS	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	05/06/2009	KOLKATA
44	263885	123/KOL/200 6	13/02/2006	08/03/2005	COFFEE MAKER	KONINKLIJKE PHILIPS ELECTRONICS N.V.	03/08/2007	KOLKATA

45	263886	1818/KOLNP /2009	30/10/2007	21/11/2006	PROCESS FOR THE REGENERATION OF A FISCHER TROPSCH CATALYST	EVONIK DEGUSSA GMBH	12/06/2009	KOLKATA
46	263887	1841/KOLNP /2007	09/11/2005	26/11/2004	METHOD AND DEVICE FOR CONNECTING AN ELECTRICAL CONDUCTOR TO A METAL BAR AND TOOL FOR FASTENING A BUSHING IN A HOLE IN A METAL BAR	SAFETRACK INFRASYSTEMS SISAB AB	10/08/2007	KOLKATA
47	263889	789/KOLNP/ 2006	22/09/2004	22/09/2003	METHOD FOR DETERMINING AMOUNT OF PROCOAGULANT PHOSPHOLIPID IN A SAMPLE	HAEMATEX RESEARCH PTY LIMITED	01/05/2007	KOLKATA
48	263890	684/KOLNP/ 2008	01/05/2006	22/08/2005	METHOD AND APPARATUS FOR MANAGING A COMMUNICATION LINK	MOTOROLA, INC.	14/11/2008	KOLKATA
49	263893	79/KOLNP/2 007	28/06/2005	07/07/2004	A METHOD OF PROCESSING KAOLIN	ENGELHARD CORPORATION	29/06/2007	KOLKATA
50	263894	1896/KOLNP /2007	03/11/2004	03/11/2004	METHOD AND DEVICE FOR PERFORMANCE OPTIMISATION OF A DATA DISTRIBUTION NETWORK	TELEFONAKTIEB OLAGET LM ERICSSON (PUBL)	10/08/2007	KOLKATA
51	263895	3141/KOLNP /2007	09/02/2006	14/02/2005	OPTICAL PATTERN GENERATOR USING A SINGLE ROTATING COMPONENT	RELIANT TECHNOLOGIES, INC.	28/12/2007	KOLKATA
52	263897	1242/KOL/20 06	17/11/2006 15:54:28	29/11/2005	DESULFURIZATION CATALYST FOR CATALYTIC CRACKED GASOLINE AND METHOD FOR DESULFURIZING CATALYTIC CRACKED GASOLINE USING THE SAME	CATALYSTS & CHEMICALS INDUSTRIES CO.,LTD.	20/07/2007	KOLKATA
53	263898	4049/KOLNP /2008	26/03/2007	28/03/2006	METHOD AND APPARATUS FOR SWITCHING FLOW CIRCUITS IN A PRODUCT DISPENSER	LANCER PARTNERSHIP, LTD.	27/02/2009	KOLKATA
54	263900	1256/KOL/2007	05/09/2007		A METHODOLOGY FOR CHARACTERIZATION OF WELD DEFECTS BY ULTRASONIC TESTING	BHARAT HEAVY ELECTRICALS LIMITED	19/06/2009	KOLKATA
55	263901	4583/KOLNP/20 07	18/04/2006	27/04/2005	ALL-SPECIES ION ACCELERATOR AND CONTROL METHOD THEREOF	INTER-UNIVERSITY RESEARCH INSTITUTE CORPORATION HIGH ENERGY ACCELERATOR RESEARCH ORGANIZATION	09/05/2008	KOLKATA

56	263903	2880/KOLNP /2007	13/01/2006	15/02/2005	AN ULTRASONIC ROD TRANSDUCER FOR PRODUCING ULTRASOUND IN LIQUIDS	DIETER WEBER	07/09/2007	KOLKATA
57	263904	5073/KOLNP /2007	06/07/2006	06/07/2005	MAGNET ROTOR AND AC GENERATOR	MITSUBA CORPORATION	02/01/2009	KOLKATA
58	263905	3511/KOLNP /2007	27/03/2006	30/03/2005	A TRANSFORMER HAVING A STACKED CORE WITH A CRUCIFORM LEG AND A METHOD OF MAKING THE SAME	ABB TECHNOLOGY AG	21/03/2008	KOLKATA
59	263906	878/KOL/200 9	17/06/2009 16:31:33	17/06/2008	HYBRID POWERTRAIN AUTO START CONTROL SYSTEM WITH ENGINE PULSE CANCELLATION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	30/04/2010	KOLKATA
60	263907	3217/KOLNP /2007	09/03/2006	09/03/2005	GOAL DETECTOR FOR DETECTION OF AN OBJECT PASSING A GOAL PLANE	APS AF 31. JULI 2011	04/01/2008	KOLKATA
61	263909	2349/KOLNP /2006	22/02/2005	24/02/2004	MECHANISM FOR WRITING INSTRUMENT AND WRITING INSTRUMENT COMPRISING SAME.	SOCIETE BIC	25/05/2007	KOLKATA
62	263910	1420/KOLNP /2007	27/10/2005	16/11/2004	RADIOFREQUENCY PLASMA SPARK PLUG	RENAULT S.A.S.	20/07/2007	KOLKATA
63	263911	531/KOL/200 6	01/06/2006	21/06/2005	A SPINNING MACHINE WITH MEANS FOR CONTACTLESS MONITORING AND MEASURING OF LOW PRESSURE	MASCHINENFAB RIK RIETER AG	22/06/2007	KOLKATA
64	263912	376/KOL/200 8	28/02/2008	30/03/2007	8-SPEED TRANSMISSION	GM GLOBAL TECHNOLOGY OPERATIONS, INC.	17/04/2009	KOLKATA
65	263914	4884/KOLNP /2007	25/05/2005	25/05/2005	PACKET SCHEDULING IN A RADIO ACCESS SYSTEM	TELEFONAKTIEB OLAGET LM ERICSSON (PUBL)	09/05/2008	KOLKATA
66	263915	3763/KOLNP /2006	25/05/2005	01/06/2004	ASSEMBLY FOR A VEHICLE SHOCK ABSORBER COMPRISING A SPRING AND A CHAMBER	RENAULT S.A.S.	15/06/2007	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.

CANCELLATION PROCEEDINGS under Section 19 of the Designs Act, 2000

"The Ld. Asstt. Controller of Patents & Designs passed an order on 21/11/2014 to dismiss the petition filed M/s. Escorts Construction Equipment Ltd. of Plot No.219, Sector 58, Ballabhgarh, Dist. Faridabad, Haryana, India on 22/4/2010 for cancellation of registration of registered Design No. 200004 dated 20th June 2005 under Class 12-16 titled as "Front Grill of a Backhoe Loader" in the name of 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."

"The Ld. Asstt. Controller of Patents & Designs passed an order on 21/11/2014 to dismiss the petition filed M/s. Escorts Construction Equipment Ltd. of Plot No.219, Sector 58, Ballabhgarh, Dist. Faridabad, Haryana, India on 22/4/2010 for cancellation of registration of registered Design No. 200006 dated 20th June 2005 under Class 12-16 titled as "Bonnet of a Backhoe Loader" in the name of 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."

"The Ld. Asstt. Controller of Patents & Designs passed an order on 21/11/2014 to dismiss the petition filed M/s. Escorts Construction Equipment Ltd. of Plot No.219, Sector 58, Ballabhgarh, Dist. Faridabad, Haryana, India on 22/4/2010 for cancellation of registration of registered Design No. 200007 dated 20th June 2005 under Class 12-16 titled as "Hydraulic Tank of a Backhoe Loader" in the name of 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."

"The Ld. Asstt. Controller of Patents & Designs passed an order on 21/11/2014 to dismiss the petition filed M/s. Escorts Construction Equipment Ltd. of Plot No.219, Sector 58, Ballabhgarh, Dist. Faridabad, Haryana, India on 22/4/2010 for cancellation of registration of registered Design No. 200008 dated 20th June 2005 under Class 12-16 titled as "Fender of a Backhoe Loader" in the name of 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."

THE DESIGNS ACT 2000 SECTION 30 DESIGN ASSIGNMENT

The Design stands in the name of M/S. NAYASA MULTIPLAST, registered under the Designs Act, 2000 has licensed his right to use and exploit the design in the Register of Designs in the name as follows:-

Design No.	Class	Name
256067	07-02	NAYASA SUPERPLAST,
		A PARTNERSHIP
		CONCERNED DULY
		REGISTERED UNDER
		THE PARTNERSHIP
		ACT, 1932 HAVING
		ADDRESS AT SURVEY
		NO. 370/2 (7),
		KACHIGAM, NANI
		DAMAN, DAMAN-396210
		(UT) COMPRISING
		PARTNERS NAMELY
		MR. SACHIN SACHDEV
		AND MRS. MANASI
		SACHDEV

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SL NO	REGISTERED DESIGN NUMBERS	RENEWED ON
1.	197671	20.10.2014
2.	197672	20.10.2014
3.	197673	20.10.2014
4.	197674	20.10.2014
5.	197675	20.10.2014
6.	197676	20.10.2014
7.	197677	20.10.2014
8.	197799	27.10.2014
9.	197800	27.10.2014
10.	197801	27.10.2014
11.	198910	20.10.2014
12.	198911	20.10.2014
13.	198912	20.10.2014
14.	198913	20.10.2014
15.	198914	20.10.2014
16.	198915	20.10.2014

REGISTRATION OF DESIGNS

The following designs have been registered. They are now open for public inspection. In the following each entry the Date of Registration is shown. The Priority Number, Priority Date and Priority Country are also shown

DESIGN NUMBER	260783	
CLASS	15-09	
		-
1)ENDICO POWER TOOLS, AN II OF 1276/1, ST NO. 3, SHIMLAPUR	NDIAN COMPANY, RI, LUDHIANA-141003, PUNJAB, INDIA	
DATE OF REGISTRATION	04/03/2014	
TITLE	ROUTER MACHINE	
PRIORITY NA		
DESIGN NUMBER	261207	
CLASS	02-04	
NATHUPUR, DISTT. SONEPAT, HA (AN INDIAN COMPANY DULY R 1956) DATE OF REGISTRATION	ARYANA, (INDIA) LEGISTERED UNDER THE COMPANIES ACT, 24/03/2014	
TITLE	FOOTWEAR	
	FOOTWEAR	-
PRIORITY NA		<u> </u>
DESIGN NUMBER	261262	
CLASS	26-05	4
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION	27/03/2014	
TITLE	TABLE LAMP	# 1/2
PRIORITY NA		

DESIGN NUMBER 259586	
CLASS	24-01
1)RYSURG, LLC, A STATE OF INCORPORATION OF MICHIGAN OF 335 S. HOUGHTON STREET, SUITE 3, MILFORD MI 48381, U.S.A.	
DATE OF REGISTRATION 23/01/2014	
TITLE	INSTRUMENT FOR TREATING AN OCULAR DISORDER

PRIORITY

П	11401411		
	PRIORITY NUMBER	DATE	COUNTRY
	29/461,500	24/07/2013	U.S.A.

DESIGN NUMBER	259617
CLASS	12-16

1)MAHINDRA TWO WHEELERS LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

D1 BLOCK, PLOT NO. 18/2 (PART), MIDC, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA

DATE OF REGISTRATION	23/01/2014
TITLE	WHEEL RIM FOR MOTORCYCLE

HOOD TRIM OF A VEHICLE

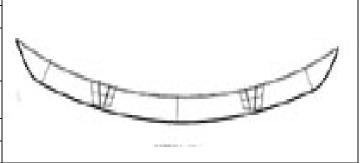


PRIORITY NA

DESIGN NUMBER	259913	
CLASS	12-16	
1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA		
DATE OF REGISTRATION	31/01/2014	

PRIORITY NA

TITLE



DESIGN NUMBER	258427	
CLASS 15-07		1
	N INDIAN COMPANY, OF THE ADDRESS	
DATE OF REGISTRATION	28/11/2013	
TITLE		
PRIORITY NA		
DESIGN NUMBER	262189	
CLASS	05-05	
ACT, 1956, AND HAVING ITS'S RECEIVABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMAINDIA DATE OF REGISTRATION TITLE		
PRIORITY NA		
DESIGN NUMBER	260387	
CLASS 22-06		
1)M/S GM MODULAR PVT. LTD., (A COMPANY INCORPORATED UNDER INDIAN COMPANIES ACT), 14/15, BOKADIA IND. ESTATE, SATIVALI ROAD, VASAI (EAST)-401208, DISTRICT-THANE, MAHARASHTRA (INDIA)		75
DATE OF REGISTRATION 17/02/2014		
TITLE MOSQUITO REPELLER		
PRIORITY NA		

DESIGN NUMBER	259108
CLASS	24-02

1)PARAMOUNT SURGIMED LTD., AN INDIAN COMPANY OF

1, L.S.C. OKHLA INDUSTRIAL AREA, OKHLA MAIN ROAD, PHASE-II, NEW DELHI-110020, INDIA

DATE OF REGISTRATION	30/12/2013
TITLE	DISPOSABLE SCALPEL



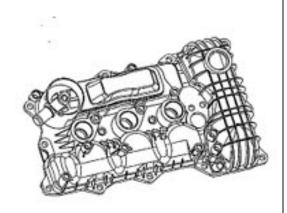
PRIORITY NA

DESIGN NUMBER	260943
CLASS	15-01

1)TATA MOTORS LIMITED, AN INDIAN COMPANY OF

BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400001, MAHARASHTRA, INDIA

DATE OF REGISTRATION	13/03/2014
TITLE	CYLINDER HEAD COVER FOR ENGINES



PRIORITY NA

DESIGN NUMBER	262183
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT

RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.

DATE OF REGISTRATION	01/05/2014
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	262059	
CLASS	****	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUM. INDIA.	AT HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400 078 MAHARASHTRA,	
DATE OF REGISTRATION	25/04/2014	a marina marina
TITLE	TEXTILE FABRIC	XXXXXX
PRIORITY NA		
DESIGN NUMBER	260673	
CLASS	12-15	
AND MICHELIN RECHERCHE E	T - F-63000, CLERMONT-FERRAND, FRANCE, T TECHNIQUE S.A., A SWISS COMPANY OF 63, GRANGES-PACCOT, SWITZERLAND 28/02/2014 PNEUMATIC TYRE	
DESIGN NUMBER	261140	
CLASS	12-11	
THE COMPANIES ACT OF 1956, H AT NEW 2ND & 3RD FLOOR, KHI	DIAN COMPANY, INCORPORATED UNDER IAVING ITS PRINCIPAL PLACE OF BUSINESS VRAJ BUILDING, NO. 616, ANNASALAI, MIL NADU, INDIA, AND REGISTERED OF MAHARASHTRA, INDIA	200
DATE OF REGISTRATION	20/03/2014	
TITLE	FENDER FOR MOTORCYCLE	

DESIGN NUMBER		259220	
CLASS	10-02		
1)SWATCH AG (SWATCH SA) (S JAKOB-STÄMPFLI-STRASSE 94			
DATE OF REGISTRATION	0.	3/01/2014	(3)
TITLE	WR	ISTWATCH	
PRIORITY	-		
PRIORITY NUMBER	DATE	COUNTRY	
DM/081 372	19/07/2013	WIPO	
DESIGN NUMBER		259043	
CLASS		06-05	
INCORPORATED UNDER THE CO GODREJ INTERIO, PLANT 4, PII 400079, INDIA DATE OF REGISTRATION	ROJSHANAGER, VIKI	HROLI (WEST), MUMBAI-	
	27/12/2013		
TITLE	STUDY TABLE WITH STORAGE		
PRIORITY NA			
DESIGN NUMBER		259605	
CLASS		12-16	25-1020
1)MAHINDRA TWO WHEELERS UNDER THE INDIAN COMPANIE D1 BLOCK, PLOT NO. 18/2 (PAR MAHARASHTRA, INDIA	S ACT, AT		
DATE OF REGISTRATION	2	3/01/2014	
TITLE	RADIATOR COWL ASSEMBLY FOR MOTORCYCLE		4.4
PRIORITY NA	•		

DESIGN NUMBER	259897	
CLASS	ISS 12-16	
1)TATA MOTORS LIMITED, AN BOMBAY HOUSE, 24 HOMI MOI 400001, MAHARASHTRA, INDIA	INDIAN COMPANY OF DY STREET, HUTATMA CHOWK, MUMBAI	
DATE OF REGISTRATION	31/01/2014	HAMIL
TITLE	A PILLAR TRIM OF A VEHICLE	
PRIORITY NA		
DESIGN NUMBER	258191	
CLASS	12-11	
GILL ROAD, LUDHIANA-141003 (P	IRM WHOSE PROPRIETOR IS S. MANMOHAN	
DATE OF REGISTRATION	18/11/2013	CAMPAND PARE
TITLE	BICYCLE PEDAL	
PRIORITY NA		
DESIGN NUMBER	262180	
CLASS	05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT ANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400 078 MAHARASHTRA,	XX
DATE OF REGISTRATION	01/05/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		

DESIGN NUMBER	259221
CLASS	10-02

1) SWATCH AG (SWATCH SA) (SWATCH LTD), A SWISS COMPANY OF

JAKOB-STÄMPFLI-STRASSE 94, CH-2502 BIEL/BIENNE, SWITZERLAND

DATE OF REGISTRATION	03/01/2014	
TITLE	WRISTWATCH	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
DM/081 372	19/07/2013	WIPO

DESIGN NUMBER	261820	
CLASS	09-08	

1)PRAKASH CHAND AGARWAL,

293, JUPITER APARTMENT, CUFFE PARADE, MUMBAI-400005, INDIAN NATIONAL, STATE OF MAHARASHTRA INDIA, AN INDIAN OF THE ABOVE ADDRESS

DATE OF REGISTRATION	17/04/2014	
TITLE	PALLET	



PRIORITY NA

DESIGN NUMBER	259049	
CLASS	13-03	

1) CROMPTON GREAVES LIMITED,

CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY

DATE OF REGISTRATION	27/12/2013	
TITLE	CONTROL PANEL FOR PUMP	



PRIORITY NA

DESIGN NUMBER	261611	
CLASS	06-13	
1)CHILEWICH SULTAN LLC, 44, EAST 32ND STREET, NEW Y NATIONALITY: US	ORK, NY 10016, UNITED STATES OF AMERICA;	
DATE OF REGISTRATION	09/04/2014	
TITLE	PLACE MAT	CONTRACT
PRIORITY NA		
DESIGN NUMBER	261164	
CLASS	07-04	
KALAWAD ROAD, METODA, TAL:	JI AUTOMOBILES, NEW JYOTI CNC, LODHIKA, DIST: RAJKOT, GUJARAT-INDIA	
DATE OF REGISTRATION	20/03/2014	
TITLE	PANCAKE OF FLOUR MAKING MACHINE (HAND OPERATED)	
PRIORITY NA		
DESIGN NUMBER	261206	
CLASS	02-04	
NATHUPUR, DISTT. SONEPAT, HA	RECT/KILLA NO. 16/13/2, 14/2/1, VILLAGE ARYANA, (INDIA) REGISTERED UNDER THE COMPANIES ACT,	
DATE OF REGISTRATION	24/03/2014	
TITLE	FOOTWEAR	
PRIORITY NA		

DESIGN NUMBER	2	62188	
CLASS		05-05	100 a 100 a
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA	ER THE PROVISION GISTERED OFFICE A T HANUMAN SILK M	OF THE COMPANIES AT ILL COMPOUND,	
DATE OF REGISTRATION	01/	05/2014	
TITLE	TEXTI	LE FABRIC	
PRIORITY NA			And Andrew
DESIGN NUMBER	2	62068	
CLASS	(05-05	manifestation of the later of t
ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA. DATE OF REGISTRATION 25/04/2014			を
TITLE	TEXTI	LE FABRIC	名の間の部の間の名
PRIORITY NA	and a real result of the second second		
DESIGN NUMBER	2	60776	
CLASS	(07-02	
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS DATE OF REGISTRATION 04/03/2014			
TITLE	SPOUT FOR COFFEE MAKER		
PRIORITY	51 Oct 1 OK COLLED MAKEN		
PRIORITY NUMBER	DATE COUNTRY		
002302497-0002	04/09/2013 OHIM		

DESIGN NUMBER	260862	
CLASS	13-03	
BADLI, DELHI-110042, INDIA	CD., A-18, PHASE-III, DSIDC INDL. ESTATE, REGISTERED UNDER THE COMPANIES ACT,	
DATE OF REGISTRATION	10/03/2014	
TITLE	SWITCH	7 41
PRIORITY NA		
DESIGN NUMBER	260313	
CLASS	02-04	
1) THAIKATTIL JOSE, THAIKATTIL HOUSE, OLLUKA INDIA, AN INDIAN NATIONAL	RA P.O., THRISSUR, KERALA STATE 680655,	
DATE OF REGISTRATION	13/02/2014	
TITLE	SHOE	
PRIORITY NA		
DESIGN NUMBER	260946	
CLASS	09-07	(4)
1)SH. PANKAJ AGGARWAL, 1/2 110032, (INDIA). AN INDIAN NATIONAL OF THE	102, RAM NAGAR EAST, SHAHDARA, DELHI- E ABOVE ADDRESS	
DATE OF REGISTRATION	13/03/2014	
TITLE	CAP FOR BOTTLE	
PRIORITY NA		

DESIGN NUMBER	262184
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT

RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.

DATE OF REGISTRATION	01/05/2014	
TITLE	TEXTILE FABRIC	



PRIORITY NA

DESIGN NUMBER	259069
CLASS	23-04

1) CROMPTON GREAVES LIMITED,

CG HOUSE, 6TH FLOOR, DR. ANNIE BESANT ROAD, WORLI, MUMBAI - 400030, MAHARASHTRA, INDIA; AN INDIAN COMPANY

DATE OF REGISTRATION	27/12/2013	
TITLE	CEILING FAN	



PRIORITY NA

DESIGN NUMBER	262060		
CLASS	05-05		

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT

RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.

DATE OF REGISTRATION	25/04/2014	
TITLE	TEXTILE FABRIC	



DESIGN NUMBER	259606	
CLASS	12-16	
UNDER THE INDIAN COMPANIE	S LIMITED, A COMPANY INCORPORATED CS ACT, AT RT), MIDC, CHINCHWAD, PUNE-411019,	030
DATE OF REGISTRATION	23/01/2014	E 0 . (E . II) E 0
TITLE	EXHAUST ASSEMBLY FOR MOTORCYCLE	CO 200
PRIORITY NA		
DESIGN NUMBER	262181	
CLASS	05-05	10 to
	AT HANUMAN SILK MILL COMPOUND, MA MALL, MUMBAI-400 078 MAHARASHTRA, 01/05/2014	->0000000000000
TITLE	TEXTILE FABRIC	6 • 6 6 • 6 6 • 6 6 • 6
PRIORITY NA		(OIOIOIOIOI
DESIGN NUMBER	260522	
CLASS	19-06	
MAHESH S. SHETHIA, ADDRESS	IAN COMPANY, SOLE PROPRIETOR MR MPOUND, MALAD (WEST), MUMBAI-400064,	
DATE OF REGISTRATION	21/02/2014	
TITLE	PENCIL BOX	
PRIORITY NA	·	

DESIGN NUMBER	259222			
CLASS		10-02		
1)SWATCH AG (SWATCH S JAKOB-STÄMPFLI-STRASS				-
DATE OF REGISTRATION		03	3/01/2014	
TITLE		WRI	STWATCH	
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
DM/081 372		19/07/2013	WIPO	
DESIGN NUMBER			261821	
DESIGN NUMBER CLASS		:	261821 09-08	
	C, CUFFE	PARADE, MUMBA	09-08 AI-400005, INDIAN	
CLASS 1)PRAKASH CHAND AGAR 293, JUPITER APARTMENT NATIONAL, STATE OF MAHA	C, CUFFE	PARADE, MUMBA RA INDIA, AN INDI	09-08 AI-400005, INDIAN	
CLASS 1)PRAKASH CHAND AGAR 293, JUPITER APARTMENT NATIONAL, STATE OF MAHA ADDRESS	C, CUFFE	PARADE, MUMBA RA INDIA, AN INDI	09-08 AI-400005, INDIAN AN OF THE ABOVE	
CLASS 1)PRAKASH CHAND AGAR 293, JUPITER APARTMENT NATIONAL, STATE OF MAHA ADDRESS DATE OF REGISTRATION	C, CUFFE	PARADE, MUMBA RA INDIA, AN INDI	09-08 AI-400005, INDIAN AN OF THE ABOVE	

PRIORITY NA	
DESIGN NUMBER	227961
CLASS 15-03	
1) YANMAR CO., LTD, 1-32, CHAYAMACHI, KITA JAPAN	A-KU, OSAKA-SHI, OSAKA 530-0013,
DATE OF REGISTRATION 22/03/2010	
TITLE	RICE-PLANTING MACHINE.

DATE

22/10/2009

PRIORITY

2009-024800

PRIORITY NUMBER



COUNTRY JAPAN

DESIGN NUMBER	2.	59050	
CLASS	13-03		
1)CROMPTON GREAVES LIMITI CG HOUSE, 6TH FLOOR, DR. AN MAHARASHTRA, INDIA; AN INDIA	NIÉ BESANT ROAD, V	VORLI, MUMBAI - 400030,	and Paper Sente
DATE OF REGISTRATION	27/	12/2013	
TITLE	CONTROLI	LER FOR PUMP	DESIGNATION OF THE PARTY OF THE
PRIORITY NA			
DESIGN NUMBER	2	60681	
CLASS	()9-07	
INDUSTRIAL ESTATE, WALBHAT STATE OF MAHARASHTRA, INDIA PROPRIETOR OF RIELLO PRODU ABOVE ADDRESS DATE OF REGISTRATION	A, UCTS, AN INDIAN PRO		
TITLE		TAINER	
PRIORITY NA DESIGN NUMBER	2	57232	
CLASS	12-16		
1)WABTEC HOLDING CORP., 1001 AIR BRAKE AVENUE, WILN AMERICA, A US COMPANY	MERDING, PA 15148, U	INITED STATES OF	
DATE OF REGISTRATION	07/10/2013		
TITLE	DOOR HANDLE OF VEHICLE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/453,218	26/04/2013 U.S.A.		

DESIGN NUMBER	259607		
CLASS	12-16		

1)MAHINDRA TWO WHEELERS LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT

D1 BLOCK, PLOT NO. 18/2 (PART), MIDC, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA

DATE OF REGISTRATION	23/01/2014
TITLE	SWING ARM FOR MOTORCYCLE



PRIORITY NA

CT A CC	
CLASS 08-07	

1)GODREJ & BOYCE MFG. CO. LTD. OF

LOCKS DIVISION (PLANT-18), PIROJSHANAGAR, VIKHROLI, MUMBAI - 400079, MAHARASHTRA, INDIA, INDIAN COMPANY

DATE OF REGISTRATION	18/03/2014
TITLE	PADLOCK



PRIORITY NA

DESIGN NUMBER	262182
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT

RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA

DATE OF REGISTRATION	01/05/2014
TITLE	TEXTILE FABRIC



DESIGN NUMBER	25	9063	
CLASS	13-01		
1)CROMPTON GREAVES LIMITI CG HOUSE, 6TH FLOOR, DR. AN MAHARASHTRA, INDIA; AN INDIA	NIE BESANT ROAD, W	ORLI, MUMBAI - 400030,	
DATE OF REGISTRATION	27/1	2/2013	
TITLE	Mo	OTOR	
PRIORITY NA			
DESIGN NUMBER	26	2058	
CLASS	0	5-05	国国民文学 国国民
COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.			
DATE OF REGISTRATION	25/04/2014		//////////////////////////////////////
TITLE	TEXTILE FABRIC		XXXXX
PRIORITY NA			
DESIGN NUMBER	262110		
CLASS	12-08		
1)BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT, OF PETUELRING 130, 80809, MUENCHEN, GERMANY, A GERMAN COMPANY			
DATE OF REGISTRATION	28/04/2014		
TITLE	CAR		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
DE 402013101079.7	31/10/2013 GERMANY		

DESIGN NUMBER	259603	
CLASS	12-16	
UNDER THE INDIAN COMPAN	RS LIMITED, A COMPANY INCORPORATED IES ACT, AT ART), MIDC, CHINCHWAD, PUNE-411019,	
DATE OF REGISTRATION	23/01/2014	
TITLE	SIDE STAND ASSEMBLY FOR MOTORCYCLE	
PRIORITY NA		
DESIGN NUMBER	261074	
CLASS	07-06	
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA. DATE OF REGISTRATION 19/03/2014		
TITLE	SALT AND PEPPER SHAKER SET	
PRIORITY NA		
DESIGN NUMBER	262178	
CLASS 05-05		MARK NO MAKE A CALL
COMPANY INCORPORATED U ACT, 1956, AND HAVING ITS'S RELIABLE HOUSE, SITUATE	ATE LIMITED, AN INDIAN PRIVATE LIMITED NDER THE PROVISION OF THE COMPANIES REGISTERED OFFICE AT D AT HANUMAN SILK MILL COMPOUND, IMA MALL, MUMBAI-400 078 MAHARASHTRA,	
DATE OF REGISTRATION	01/05/2014	
TITLE	TEXTILE FABRIC	***************************************
PRIORITY NA	1	

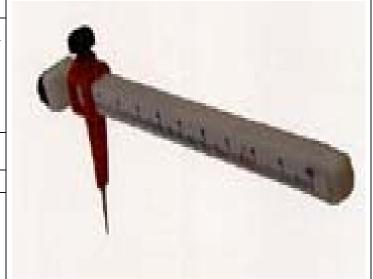
DESIGN NUMBER		259034	
CLASS			-
1)COMPAGNIE GENERALE DES COMPANY OF 12 COURS SABLON AND MICHELIN RECHERCHE ET ROUTE LOUIS-BRAILLE 10-CH-1763	, F-63000, CLERMON TECHNIQUE, S.A., A	T-FERRAND, FRANCE, A SWISS COMPANY OF	
DATE OF REGISTRATION	27.	/12/2013	(((())))
TITLE		TIRE	
PRIORITY	_		
PRIORITY NUMBER	DATE	COUNTRY	
002281642-0001	26/07/2013	OHIM	
DESIGN NUMBER	2	262051	
CLASS		05-05	
ACT, 1956, AND HAVING ITS'S REC RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	T HANUMAN SILK M	IILL COMPOUND,	
DATE OF REGISTRATION	25/04/2014		State State
TITLE	TEXTILE FABRIC		***********
PRIORITY NA			
DESIGN NUMBER	262095		
CLASS	06-11		CHOKOTEKOTOKO (COM
1)JAIPUR RUGS COMPANY PVT. G-250, MANSAROVAR INDUSTR INDIA			
DATE OF REGISTRATION	28/04/2014		SACREMENT
TITLE	CARPET		河海海道
PRIORITY NA			

DESIGN NUMBER	261163
CLASS	10-04

1)CHETANBHAI N. SORATHIYA AN INDIAN NATIONAL SOLE PROPRIETOR OF SHIV STATIONARY PRODUCTS AN INDIAN PROPRIETORSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

227, RMC SHOPPING CENTRE, KRISHNA NAGAR MAIN ROAD, GURUPRASHAD CHOWK, RAJKOT-4, GUJARAT-INDIA

DATE OF REGISTRATION	20/03/2014	
TITLE	DIVIDER	



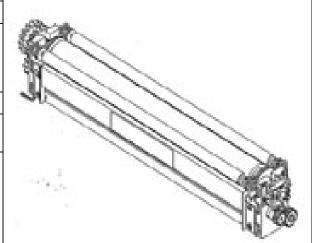
PRIORITY NA

DESIGN NUMBER	261203
CLASS	15-99

1)BANDO CHEMICAL INDUSTRIES, LTD., A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN,

OF 6-6, MINATOJIMA MINAMIMACHI 4-CHOME, CHUO-KU, KOBE-SHI, HYOGO 650-0047, JAPAN

DATE OF REGISTRATION	24/03/2014
TITLE	ELECTROSTATIC DUST REMOVAL MACHINE



PRIORITY

ı			
	PRIORITY NUMBER	DATE	COUNTRY
	2013-022237	25/09/2013	JAPAN

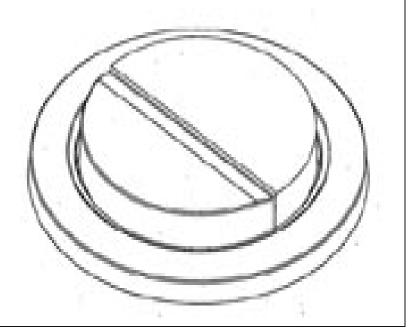
DESIGN NUMBER	261301
CLASS	23-02
1)GEBERIT INTERNATIONAL AG SCHACHENSTRASSE 77 8645 IONA	

DATE OF REGISTRATION	27/03/2014
TITLE	BUTTON FOR TOILET FLUSH TANKS

SWITZERLAND, A COMPANY OF SWITZERLAND

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
766344101	07/10/2013	WIPO



		T			
DESIGN NUMBER	259564				
CLASS	13-02				
1)RD TELINET PVT. LTD., (AN IN REGISTERED UNDER THE INDIA! AT ASHOKA SHOPPING CENTRE, 2! MUMBAI-400001, MAHARASHTRA,					
DATE OF REGISTRATION	22/01/2014	BACK CONTRACTOR			
TITLE	MOBILE CHARGER				
PRIORITY NA	PRIORITY NA				
DESIGN NUMBER	262187				
CLASS	05-05				
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.					
DATE OF REGISTRATION 01/05/2014		AAAAAAAA			
TITLE	TEXTILE FABRIC	AAAA			
PRIORITY NA	PRIORITY NA				
DESIGN NUMBER	260488				
CLASS	08-06				
1)(1) SMIT RAMESHBHAI KANSA BALDHA (BOTH THE PARTNERS A PARTNER OF SUBH METAL (INDI PLACE OF BUSINESS AT-1, NEW KAILASHPATI SOCIE YOGESHWAR MAIN ROAD, NR. PA					
DATE OF REGISTRATION	20/02/2014				
TITLE	HANDLE				

DESIGN NUMBER	260605	
CLASS	09-03	
ASHWINBHAI PATEL, BOTH IND PLASTIC, AN INDIAN PARTNERS	R GOTA RAILWAY CROSSING, GOTA,	
DATE OF REGISTRATION	26/02/2014	
TITLE	CONTAINER	
PRIORITY NA		
DESIGN NUMBER	261837	
CLASS	02-04	
1)KRISHNA PLASTICS, G-1065, DELHI-110040, INDIA, AN INDIAN PARTNERSHIP FIRE GOEL, AN INDIAN NATIONALS, O		
DATE OF REGISTRATION	17/04/2014	enter makes in
TITLE	SLIPPER	
PRIORITY NA		
DESIGN NUMBER	259106	
CLASS	24-02	
1)PARAMOUNT SURGIMED LT 1, L.S.C. OKHLA INDUSTRIAL A DELHI-110020, INDIA		
DATE OF REGISTRATION	DATE OF REGISTRATION 30/12/2013	
TITLE	RETRACTABLE SAFETY SCALPEL	
PRIORITY NA		

DESIGN NUMBER		257330	
CLASS	03-01		<u>~</u>
1)THE PUKKA LUGGAGE COM FAIRFAX HOUSE, 15 FULWOO KINGDOM			
DATE OF REGISTRATION	09	9/10/2013	
TITLE	Li	UGGAGE	
PRIORITY			Re Gill
PRIORITY NUMBER	DATE	COUNTRY	
002217216-0001	09/04/2013	OHIM	
DESIGN NUMBER		260863	47 47 47
CLASS		13-03	
(AN INDIAN COMPANY DULY 1956) DATE OF REGISTRATION		,	
DATE OF REGISTRATION	10/03/2014		
TITLE	SWITCH		
PRIORITY NA			
		261243	
PRIORITY NA DESIGN NUMBER CLASS		261243 26-05	
DESIGN NUMBER	GDOM OF THE NETH TCE ADDRESS IS	26-05 NIZED AND EXISTING ERLANDS, RESIDING A	T
DESIGN NUMBER CLASS 1)KONINKLIJKE PHILIPS N.V., UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFF	GDOM OF THE NETH TICE ADDRESS IS E EINDHOVEN, THE N	26-05 NIZED AND EXISTING ERLANDS, RESIDING A	T
DESIGN NUMBER CLASS 1)KONINKLIJKE PHILIPS N.V., UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFF HIGH TECH CAMPUS 5, 5656 A	GDOM OF THE NETH TICE ADDRESS IS E EINDHOVEN, THE N	26-05 NIZED AND EXISTING ERLANDS, RESIDING A	T
DESIGN NUMBER CLASS 1)KONINKLIJKE PHILIPS N.V., UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFF HIGH TECH CAMPUS 5, 5656 A DATE OF REGISTRATION	GDOM OF THE NETH TICE ADDRESS IS E EINDHOVEN, THE N	26-05 NIZED AND EXISTING IERLANDS, RESIDING A IETHERLANDS 5/03/2014	T
DESIGN NUMBER CLASS 1)KONINKLIJKE PHILIPS N.V., UNDER THE LAWS OF THE KING EINDHOVEN, WHOSE POST-OFF HIGH TECH CAMPUS 5, 5656 A DATE OF REGISTRATION TITLE	GDOM OF THE NETH TICE ADDRESS IS E EINDHOVEN, THE N	26-05 NIZED AND EXISTING IERLANDS, RESIDING A IETHERLANDS 5/03/2014	T

DESIGN NUMBER	260317
CLASS	09-99

1)(1) DANISH PATEL (2) BHASKAR PATEL (3) SHOBHANABEN R. PATEL AND (4) HARDIKBHAI BHAYANI ALL INDIAN NATIONAL PARTNERS OF STEELBERRY INDUSTRIES AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

PLOT NO. G-1110/B, FIRST FLOOR, LODHIKA INDUSTRIAL ESTATE, GIDC METODA, TA: LODHIKA, DIST.: RAJKOT, GUJARAT-INDIA

DATE OF REGISTRATION	13/02/2014
TITLE	CORNER PANEL OF KITCHEN BASKET

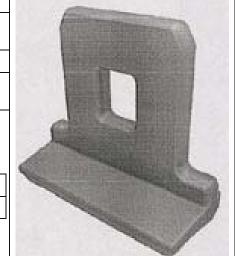


PRIORITY NA

DESIGN NUMBER	259545
CLASS	08-05
1)WIRTGEN GMBH, REINHARD-WIRTGEN-STR.2., 53578 WINDHAGEN	
DATE OF REGISTRATION	20/01/2014
TITLE	WEAR PROTECTION SKIDS FOR MILLING MACHINES
	•



- 1			
	PRIORITY NUMBER	DATE	COUNTRY
	002281048	25/07/2013	OHIM



DESIGN NUMBER	259612
CLASS	12-16

1)MAHINDRA TWO WHEELERS LIMITED, A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, AT D1 BLOCK, PLOT NO. 18/2 (PART), MIDC, CHINCHWAD, PUNE-411019, MAHARASHTRA, INDIA

DATE OF REGISTRATION	23/01/2014
TITLE	PILLION FOOTREST FOR MOTORCYCLE





DESIGN NUMBER		260950	
CLASS		12-16	-
1)MITSUBISHI ELECTRIC CORP ORGANIZED AND EXISTING UND MANUFACTURERS AND MERCHA 7-3, MARUNOUCHI 2-CHOME, CI	ER THE LAWS OF . .NTS, OF THE ADD	NESE COMPANY JAPAN, RESS	
DATE OF REGISTRATION	1	3/03/2014	
TITLE	CONTROL UNI	Γ MODULE FOR TRAIN	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-023144	03/10/2013	JAPAN	
DESIGN NUMBER		261004	
CLASS		23-01	
1)JYOTI ENTERPRISE, INDIAN P PRINCIPAL PLACE OF BUSINESS OF CHARBHUJA MARBLE, NEAR OCT GUJARAT, INDIA AND HAVING PI PARSANA, RESIDING AT	AT SURVEY NO. 15 FROI NAKA, GOND ROPRIETOR MITES	0, PLOT NO. 36, B/H. AL ROAD, RAJKOT, SHBHAI JERAMBHAI	
PRINCIPAL PLACE OF BUSINESS CHARBHUJA MARBLE, NEAR OC GUJARAT, INDIA AND HAVING PI	AT SURVEY NO. 15 FROI NAKA, GOND ROPRIETOR MITES 0, NEAR OSCAR TO NATIONALS	0, PLOT NO. 36, B/H. AL ROAD, RAJKOT, SHBHAI JERAMBHAI	
PRINCIPAL PLACE OF BUSINESS CHARBHUJA MARBLE, NEAR OC GUJARAT, INDIA AND HAVING PIPARSANA, RESIDING AT SILVER STONE-3, STREET NO. 10 ROAD, RAJKOT, GUJARAT, INDIAN	AT SURVEY NO. 15 FROI NAKA, GOND ROPRIETOR MITES 0, NEAR OSCAR TO NATIONALS	0, PLOT NO. 36, B/H. AL ROAD, RAJKOT, SHBHAI JERAMBHAI WER, 150 FEET RING	
PRINCIPAL PLACE OF BUSINESS CHARBHUJA MARBLE, NEAR OC GUJARAT, INDIA AND HAVING PI PARSANA, RESIDING AT SILVER STONE-3, STREET NO. 10 ROAD, RAJKOT, GUJARAT, INDIAN DATE OF REGISTRATION	AT SURVEY NO. 15 FROI NAKA, GOND ROPRIETOR MITES 0, NEAR OSCAR TO NATIONALS	0, PLOT NO. 36, B/H. AL ROAD, RAJKOT, SHBHAI JERAMBHAI WER, 150 FEET RING	
PRINCIPAL PLACE OF BUSINESS CHARBHUJA MARBLE, NEAR OC GUJARAT, INDIA AND HAVING PERSONA, RESIDING AT SILVER STONE-3, STREET NO. 16 ROAD, RAJKOT, GUJARAT, INDIAN DATE OF REGISTRATION TITLE	AT SURVEY NO. 15 FROI NAKA, GOND ROPRIETOR MITES 0, NEAR OSCAR TO NATIONALS	0, PLOT NO. 36, B/H. AL ROAD, RAJKOT, SHBHAI JERAMBHAI WER, 150 FEET RING	
PRINCIPAL PLACE OF BUSINESS CHARBHUJA MARBLE, NEAR OC GUJARAT, INDIA AND HAVING PRASANA, RESIDING AT SILVER STONE-3, STREET NO. 10 ROAD, RAJKOT, GUJARAT, INDIAN DATE OF REGISTRATION TITLE PRIORITY NA	AT SURVEY NO. 15 FROI NAKA, GOND ROPRIETOR MITES 0, NEAR OSCAR TO NATIONALS	0, PLOT NO. 36, B/H. AL ROAD, RAJKOT, SHBHAI JERAMBHAI WER, 150 FEET RING 7/03/2014 VALVE	
PRINCIPAL PLACE OF BUSINESS CHARBHUJA MARBLE, NEAR OC GUJARAT, INDIA AND HAVING PI PARSANA, RESIDING AT SILVER STONE-3, STREET NO. 10 ROAD, RAJKOT, GUJARAT, INDIAN DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	AT SURVEY NO. 15 FROI NAKA, GOND ROPRIETOR MITES 0, NEAR OSCAR TO NATIONALS 1 E LIMITED, AN IND ER THE PROVISION GISTERED OFFICE T HANUMAN SILK	0, PLOT NO. 36, B/H. AL ROAD, RAJKOT, SHBHAI JERAMBHAI WER, 150 FEET RING 7/03/2014 VALVE 262185 05-05 IAN PRIVATE LIMITED N OF THE COMPANIES AT MILL COMPOUND,	
PRINCIPAL PLACE OF BUSINESS CHARBHUJA MARBLE, NEAR OCTOMINATION CONTROL OF THE PRIORITY NA DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)M/S. BIBA APPARELS PRIVATION ACT, 1956, AND HAVING ITS'S REGRELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMAINDIA.	AT SURVEY NO. 15 FROI NAKA, GOND ROPRIETOR MITES 0, NEAR OSCAR TO NATIONALS 1 E LIMITED, AN IND ER THE PROVISION GISTERED OFFICE T HANUMAN SILK MALL, MUMBAI-4	0, PLOT NO. 36, B/H. AL ROAD, RAJKOT, SHBHAI JERAMBHAI WER, 150 FEET RING 7/03/2014 VALVE 262185 05-05 IAN PRIVATE LIMITED N OF THE COMPANIES AT MILL COMPOUND,	
PRINCIPAL PLACE OF BUSINESS CHARBHUJA MARBLE, NEAR OC' GUJARAT, INDIA AND HAVING PI PARSANA, RESIDING AT SILVER STONE-3, STREET NO. 10 ROAD, RAJKOT, GUJARAT, INDIAN DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UNDIA ACT, 1956, AND HAVING ITS'S REG RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMAN	AT SURVEY NO. 15 FROI NAKA, GOND ROPRIETOR MITES 0, NEAR OSCAR TO NATIONALS 1 E LIMITED, AN IND ER THE PROVISIO GISTERED OFFICE T HANUMAN SILK MALL, MUMBAI-4	0, PLOT NO. 36, B/H. AL ROAD, RAJKOT, SHBHAI JERAMBHAI WER, 150 FEET RING 7/03/2014 VALVE 262185 05-05 IAN PRIVATE LIMITED N OF THE COMPANIES AT MILL COMPOUND, 00 078 MAHARASHTRA,	

DESIGN NUMBER	260484	
CLASS		
PAMBHAR (3) TRIBHOVANBHAI PARTNERS ARE ADULT & INDIA KHODIYAR INDUSTRIES (INDIA BUSINESS	HAI PAMBHAR (2) MAGANBHAI PANCHABHAI I PANCHABHAI PAMBHAR (ALL THE AN NATIONALS) PARTNERS OF SHREE IN PARTNERSHIP FIRM) HAVING PLACE OF ROAD, RAJKOT-360002 GUJARAT-(INDIA)	
DATE OF REGISTRATION	20/02/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	258872	
CLASS	28-02	
LITTLE PROFIT TRADING COM 2804, 2ND FLOOR, MAIN QUTA	NATIONAL) (PROPRIETOR) TRADING AS PANY, AB ROAD, SADAR BAZAR, DELHI-110006	
DATE OF REGISTRATION		
TITLE		
PRIORITY NA		
DESIGN NUMBER	259071	
CLASS		
1)CROMPTON GREAVES LIMI' CG HOUSE, 6TH FLOOR, DR. A MAHARASHTRA, INDIA; AN INDI	NNIE BESANT ROAD, WORLI, MUMBAI - 400030,	
DATE OF REGISTRATION	27/12/2013	2
TITLE	HOUSING FOR ELECTRONIC BALLAST	
PRIORITY NA		

DESIGN NUMBER	262061	
CLASS		
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE- RELIABLE HOUSE, SITUATED A	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT T HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400 078 MAHARASHTRA,	
DATE OF REGISTRATION	25/04/2014	8
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	260865	
CLASS	26-02	
1)B.N.K. ENERGY ALTERNATIVI SAVARKAR BLOCK, SHAKARPUR (AN INDIAN PROPRIETORSHIP I RAJGARHIA. AN INDIAN NATIONA		
DATE OF REGISTRATION		
TITLE	TORCH	
PRIORITY NA		
DESIGN NUMBER	259613	
CLASS		
1)MAHINDRA TWO WHEELERS UNDER THE INDIAN COMPANIES D1 BLOCK, PLOT NO. 18/2 (PART MAHARASHTRA, INDIA	Si	
DATE OF REGISTRATION		
TITLE	914	
PRIORITY NA		

DESIGN NUMBER	258484
CLASS	12-08

1)NISSAN JIDOSHA KABUSHIKI KAISHA (ALSO TRADING AS NISSAN MOTOR CO., LTD.), A JAPANESE COMPANY, ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN OF

NO. 2 TAKARACHO, KANAGAWA-KU, YOKOHAMA-SHI, KANAGAWA-KEN, JAPAN

DATE OF REGISTRATION	29/11/2013		
TITLE	CAR		
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	



DESIGN NUMBER	261007
CLASS	07-02

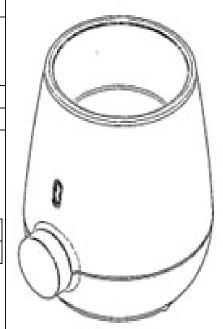
03/06/2013

JAPAN

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		17/03/2014	
	TITLE	BOTTLE WARMER	

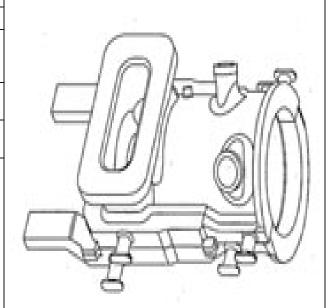


PRIORITY

2013-012385

PRIORITY NUMBER	DATE	COUNTRY
002326579-0001	15/10/2013	OHIM

DESIGN NUMBER	262263	
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	01/05/2014	
TITLE	STEAM CASING OF A CONDENSING STEAM TURBINE	



DESIGN NUMBER		261836	
CLASS		02-04	
1)KRISHNA PLASTICS, G-1065, D DELHI-110040, INDIA, AN INDIAN PARTNERSHIP FIRM GOEL, AN INDIAN NATIONALS, OF	WHOSE PARTNERS	ARE O.P. GOEL AND P.I	X.
DATE OF REGISTRATION	17	7/04/2014	
TITLE	S	LIPPER	
PRIORITY NA			
DESIGN NUMBER		258697	
CLASS		12-15	
1)SUMITOMO RUBBER INDUSTI THE LAWS OF JAPAN OF THE ADDRESS: 6-9, WAKINO HYOGO 651-0072, JAPAN DATE OF REGISTRATION			
TITLE		2/12/2013 R AUTOMOBILE	
PRIORITY	TIKETOI	CHOTOMOBILE	
PRIORITY NUMBER	DATE	COUNTRY	
2013-023450	07/10/2013	JAPAN	
DESIGN NUMBER		262062	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	MARTINE MARTINE MARTINE MARTINE		
DATE OF REGISTRATION	25	5/04/2014	
TITLE	TEXT	ILE FABRIC	MEDICAL PROPERTY OF THE PARTY O
PRIORITY NA			The state of the s

DESIGN NUMBER		257329	
CLASS		03-01	
1)THE PUKKA LUGGAGE COMP FAIRFAX HOUSE, 15 FULWOOD KINGDOM			
DATE OF REGISTRATION	09	9/10/2013	STATE OF THE PARTY
TITLE	LU	UGGAGE	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002217216-0001	09/04/2013	OHIM	
DESIGN NUMBER		261268	
CLASS		06-03	
A-41, SECTOR-80, PHASE-II, NOI	1		
DATE OF REGISTRATION		7/03/2014	
TITLE	TABLE		
PRIORITY NA			
DESIGN NUMBER		262197	
CLASS			
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	ER THE PROVISION GISTERED OFFICE T HANUMAN SILK N	N OF THE COMPANIES AT MILL COMPOUND,	
DATE OF REGISTRATION	01	1/05/2014	100
TITLE	TEXTILE FABRIC		100 100 100 100 100 100 100 100 100 100
PRIORITY NA			aloge blood a but

DESIGN NUMBER	261067	
CLASS	07-01	
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO		
DATE OF REGISTRATION	19/03/2014	7
TITLE	PITCHER	
PRIORITY NA		
DESIGN NUMBER	261115	
CLASS	26-06	_
NEHRU NAGAR, PIN-490020, BHILA INDIAN CITIZEN	RRIAGE PALACE, PUSHPAK NAGAR, P.O AI DIST. DURG, CHHATTISGARH, INDIA, AN	
DATE OF REGISTRATION	19/03/2014	
TITLE	LED BARRIER FOR EMERGENCY SERVICES	
PRIORITY NA		Sasai
DESIGN NUMBER	259001	
CLASS	09-03	
1)TOKITAE, LLC, INCORPORAT OFFICE ADDRESS AT 11235 SE 6TH STREET, SUITE 20	TED UNDER THE LAWS OF USA HAVING ITS 0, BELLEVUE, WA 98004, USA	
DATE OF REGISTRATION	26/12/2013	
TITLE	MILK TRANSFER CONTAINER	
PRIORITY NA		

DESIGN NUMBER	262031
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT

RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.

DATE OF REGISTRATION	25/04/2014
TITLE	TEXTILE FABRIC



PRIORITY NA

DESIGN NUMBER	262075
CLASS	05-05

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT

RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA

DATE OF REGISTRATION	25/04/2014
TITLE	TEXTILE FABRIC



DESIGN NUMBER	260730
CLASS	07-01
KRUPA INDUSTRIE 228-B, BOMBAY	TOR: MAHESH SHETHIA, S-AN INDIAN COMPANY, FALKIES COMPOUND, MALAD 4, MAHARASHTRA, INDIA
DATE OF REGISTRATION	28/02/2014
TITLE	BOX





DESIGN NUMBER	260792	
CLASS	12-11	
1)ADVANCE PLASTIC INDUSTRI STATION ROAD, DHANDARI KA NATIONAL	IES, LLAN, LUDHIANA (PB.) INDIA, AN INDIAN	
DATE OF REGISTRATION	05/03/2014	
TITLE	PADDLE FOR CYCLES	-
PRIORITY NA		
DESIGN NUMBER	261267	
CLASS	26-05	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION	27/03/2014	LIFLK
TITLE	TABLE LAMP	
PRIORITY NA		
DESIGN NUMBER	260125	
CLASS	23-04	
COMPLEX, ROHTAK ROAD, NANG	UNDER THE COMPANIES ACT 1956 OF INDIAN	
DATE OF REGISTRATION	05/02/2014	00100
TITLE	AIR COOLER	Editriti J
PRIORITY NA		

DESIGN NUMBER	261065	
CLASS	07-03	(1)
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL I A-41, SECTOR-80, PHASE-II, NO		Ψ
DATE OF REGISTRATION	19/03/2014	
TITLE	SERVING FORK	
PRIORITY NA		U
DESIGN NUMBER	262196	
CLASS	05-05	
ACT, 1956, AND HAVING ITS'S RI RELIABLE HOUSE, SITUATED	DER THE PROVISION OF THE COMPANIES EGISTERED OFFICE AT AT HANUMAN SILK MILL COMPOUND, IA MALL, MUMBAI-400 078 MAHARASHTRA,	
DATE OF REGISTRATION	01/05/2014	MATTER CONTINUES
TITLE	TEXTILE FABRIC	A STATE OF THE PARTY OF THE PAR
PRIORITY NA		and the second
DESIGN NUMBER	258996	
CLASS	08-05	-
1)3M INNOVATIVE PROPERTION THE STATE OF DELAWARE OF 3M CENTER, SAINT PAUL, MIN	_	
DATE OF REGISTRATION	26/12/2013	
TITLE	TOOL FOR UNTWISTING AND STRAIGHTENING TWISTED PAIR CABLE	
PRIORITY NA		

DESIGN NUMBER	262074	
CLASS	05-05	4.
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION	T HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400 078 MAHARASHTRA, 25/04/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	261536	
CLASS	12-16	
THE INDIAN COMPANIES ACT, 19	D., A COMPANY INCORPORATED UNDER D13 OF BUNDER, MUMBAI 400001, MAHARASHTRA,	
DATE OF REGISTRATION	04/04/2014	
TITLE	STEERING WHEEL	
PRIORITY NA		
DESIGN NUMBER	260667	
CLASS	08-06	
PAMBHAR (3) TRIBHOVANBHAI I PARTNERS ARE ADULT & INDIAN KHODIYAR INDUSTRIES (INDIAN BUSINESS	AI PAMBHAR (2) MAGANBHAI PANCHABHAI PANCHABHAI PAMBHAR (ALL THE N NATIONALS) PARTNERS OF SHREE I PARTNERSHIP FIRM) HAVING PLACE OF DAD, RAJKOT-360002 GUJARAT-(INDIA)	
DATE OF REGISTRATION	28/02/2014	
TITLE	HANDLE	
PRIORITY NA		

DESIGN NUMBER	260182
CLASS	12-11

1)MR. PARAMJEET SINGH NARANG INDIAN NATIONAL, CARRYING ON BUSINESS ADDRESS AT

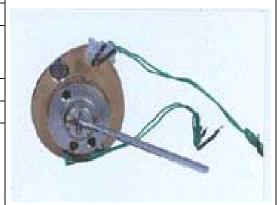
745, BUDHWAR PETH, PHADKE HAUD CHOWK, PUNE-411002, MAHARASHTRA, INDIA

DATE OF REGISTRATION	07/02/2014
TITLE	CYCLE



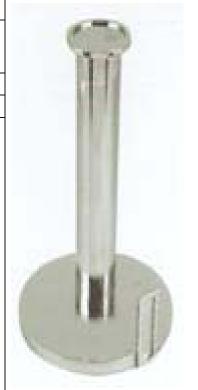
PRIORITY NA

DESIGN NUMBER	261038	
CLASS	08-09	
,	8), PIROJSHANAGAR, VIKHROLI,	
MUMBAI - 4000/9, MAHAKASE	ITRA, INDIA, INDIAN COMPANY	
DATE OF REGISTRATION	18/03/2014	



PRIORITY NA

DESIGN NUMBER	261073			
CLASS	23-02			
1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA.				
DATE OF REGISTRATION 19/03/2014				
TITLE	HOLDER (FOR TOWEL)			



DESIGN NUMBER		262177	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE- RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	ER THE PROVISION GISTERED OFFICE A T HANUMAN SILK M	OF THE COMPANIES AT IILL COMPOUND,	
DATE OF REGISTRATION	01	/05/2014	
TITLE	TEXT	ILE FABRIC	
PRIORITY NA			
DESIGN NUMBER	2	259217	
CLASS		24-02	
1)SANOFI-AVENTIS DEUTSCHLA BRÜNINGSTRASSE 50, 65929 FR	,		
DATE OF REGISTRATION	03	/01/2014	
TITLE	BLOOD GI	LUCOSE METER	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
002 288 266	07/08/2013	OHIM	
DESIGN NUMBER	2	262050	
CLASS		05-05	
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE- RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	ER THE PROVISION GISTERED OFFICE A T HANUMAN SILK M	OF THE COMPANIES AT IILL COMPOUND,	
DATE OF REGISTRATION	25	/04/2014	
TITLE	TEXT	ILE FABRIC	AND ASSESSED FOR
PRIORITY NA			

DESIGN NUMBER	262452	
CLASS	SS 20-03	
COMPANY INCORPORATED UNI ADDRESS IS	TERTAINMENTS PVT LTD., AN INDIAN DER THE COMPANIES ACT OF 1956 WHOSE 13, R.K. PURAM, NEW DELHI-110066, INDIA	
DATE OF REGISTRATION	07/05/2014	4
TITLE	ADVERTISEMENT DISPLAY BOARD	
PRIORITY NA		
DESIGN NUMBER	261069	
CLASS	11-02	
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL F A-41, SECTOR-80, PHASE-II, NO		
DATE OF REGISTRATION	19/03/2014	¥
TITLE	TABLE CENTREPIECE	
PRIORITY NA		
DESIGN NUMBER	259003	
CLASS 07-04		
1)TOKITAE, LLC, INCORPORA' OFFICE ADDRESS AT 11235 SE 6TH STREET, SUITE 20	TED UNDER THE LAWS OF USA HAVING ITS 00, BELLEVUE, WA 98004, USA	
DATE OF REGISTRATION	26/12/2013	
TITLE	FUNNEL	
PRIORITY NA		

DESIGN NUMBER	262	2041	
CLASS	05	i-05	数
1)M/S. BIBA APPARELS PRIVATE COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	ER THE PROVISION O GISTERED OFFICE AT T HANUMAN SILK MIL	L COMPOUND,	
DATE OF REGISTRATION	25/04/2014		min 1980
TITLE	TEXTILE FABRIC		
PRIORITY NA			
DESIGN NUMBER	262	2077	
CLASS	05	i-05	strakes abstrakes an
LACT 1054 AND HAVING PEGG DE	CICTEDED OFFICE AT	1	W W
ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	T HANUMAN SILK MIL	L COMPOUND,	
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA	T HANUMAN SILK MIL A MALL, MUMBAI-400 (L COMPOUND,	
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	T HANUMAN SILK MIL A MALL, MUMBAI-400 (25/04	L COMPOUND, 178 MAHARASHTRA,	
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION	T HANUMAN SILK MIL A MALL, MUMBAI-400 (25/04	L COMPOUND, 178 MAHARASHTRA, 1/2014	
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE	T HANUMAN SILK MIL A MALL, MUMBAI-400 C 25/04 TEXTILI	L COMPOUND, 178 MAHARASHTRA, 1/2014	
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE PRIORITY NA	T HANUMAN SILK MIL A MALL, MUMBAI-400 C 25/04 TEXTILI	L COMPOUND, 078 MAHARASHTRA, 4/2014 E FABRIC	
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER	T HANUMAN SILK MIL A MALL, MUMBAI-400 C 25/0 ² TEXTILI 26:	L COMPOUND, 178 MAHARASHTRA, 4/2014 E FABRIC 1227 1-03	
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)SATA GMBH & CO. KG, OF DOMERTALSTRASSE 20, 70806 I	T HANUMAN SILK MILA MALL, MUMBAI-400 C 25/04 TEXTILI 26/ CORNWESTHEIM, DEUT	L COMPOUND, 178 MAHARASHTRA, 4/2014 E FABRIC 1227 1-03	
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)SATA GMBH & CO. KG, OF DOMERTALSTRASSE 20, 70806 I A GERMAN COMPANY	T HANUMAN SILK MILA MALL, MUMBAI-400 C 25/04 TEXTILI 26: 09 CORNWESTHEIM, DEUT	L COMPOUND, 178 MAHARASHTRA, 1/2014 E FABRIC 1227 1-03 ISCHLAND, GERMANY	Stan Prompts As Ob
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)SATA GMBH & CO. KG, OF DOMERTAL STRASSE 20, 70806 I A GERMAN COMPANY DATE OF REGISTRATION	T HANUMAN SILK MILA MALL, MUMBAI-400 C 25/04 TEXTILI 26: 09 CORNWESTHEIM, DEUT	L COMPOUND, 178 MAHARASHTRA, 1/2014 E FABRIC 1227 1-03 ISCHLAND, GERMANY 1/2014	SACE PROPERTY AND DESCRIPTION OF THE PROPERTY AND DESCRIPTION
RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA. DATE OF REGISTRATION TITLE PRIORITY NA DESIGN NUMBER CLASS 1)SATA GMBH & CO. KG, OF DOMERTALSTRASSE 20, 70806 I A GERMAN COMPANY DATE OF REGISTRATION TITLE	T HANUMAN SILK MILA MALL, MUMBAI-400 C 25/04 TEXTILI 26: 09 CORNWESTHEIM, DEUT	L COMPOUND, 178 MAHARASHTRA, 1/2014 E FABRIC 1227 1-03 ISCHLAND, GERMANY 1/2014	SATING AND STATES OF THE PROPERTY OF THE PROPE

DESIGN NUMBER 260181	
CLASS 12-11	

1)MR. PARAMJEET SINGH NARANG INDIAN NATIONAL, CARRYING ON BUSINESS ADDRESS AT

745, BUDHWAR PETH, PHADKE HAUD CHOWK, PUNE-411002, MAHARASHTRA, INDIA

DATE OF REGISTRATION	07/02/2014	
TITLE	CYCLE	



PRIORITY NA

DESIGN NUMBER	260286
CLASS	07-02
1)GREENWAY GRAMEEN I	NFRA PVT LTD WHOSE ADDRESS IS
301, CHAWLA COMPLEX SI	ECTOR 15, CBD-BELAPUR, NAVI
MUMBAI-400614 STATE-MAH	ARASHTRA INDIA A REGISTERED

MUMBAI-400614, STATE-MAHARASHTRA, INDIA A REGISTERED COMPANY SITUATED IN INDIA

DATE OF REGISTRATION	12/02/2014	
TITLE	STOVE	



PRIORITY NA

DESIGN NUMBER	259976	
CLASS	03-01	
4) Mar Amparata Andreas Mar (proprietor), Maroar Appresa		

1)M/S. VERTICAL LIMITS INC (PROPRIETOR) WHOSE ADDRESS IS 201, MILAN LAXMI APARTMENTS, CHANDAVARKAR 'X' LANE, MATUNGA (E), MUMBAI-400019, MAHARASHTRA, INDIA

DATE OF REGISTRATION	03/02/2014	
TITLE	MOBILE COVER	



DESIGN NUMBER	261037	
CLASS	08-06	
1)GODREJ & BOYCE MFG. CO. I LOCKS DIVISION (PLANT-18), P. 400079, MAHARASHTRA, INDIA, IN	IROJSHANAGAR, VIKHROLI, MUMBAI -	
DATE OF REGISTRATION	18/03/2014	
TITLE	HANDLE	The second second
PRIORITY NA		
DESIGN NUMBER	261072	
CLASS	07-06	
1)MA DESIGN INDIA PRIVATE L INDIA HAVING ITS PRINCIPAL PI A-41, SECTOR-80, PHASE-II, NOI		
DATE OF REGISTRATION	19/03/2014	
TITLE	CAKE STAND	
PRIORITY NA		151
DESIGN NUMBER	262049	
CLASS	05-05	****
COMPANY INCORPORATED UND	E LIMITED, AN INDIAN PRIVATE LIMITED ER THE PROVISION OF THE COMPANIES	* * * * * * * * * * * * * * * * * * * *
	GISTERED OFFICE AT AT HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400078 MAHARASHTRA,	
DATE OF REGISTRATION	25/04/2014	+ + + + + + + + + + + + + + + + + + + +
TITLE	TEXTILE FABRIC	* * * * * * * * * * * * * * * * * * * *
PRIORITY NA		+ + + + + +

DESIGN NUMBER		261507	
CLASS		12-16	
1)MAHINDRA & MAHINDRA I THE INDIAN COMPANIES ACT, GATEWAY BUILDING, APOLI INDIA.	1913 OF		
DATE OF REGISTRATION	03	/04/2014	
TITLE	FRONT GRIL	LE OF A VEHICLE	
PRIORITY NA			
DESIGN NUMBER		261264	
CLASS		06-03	
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL A-41, SECTOR-80, PHASE-II, N	PLACE OF BUSINESS	AT	
DATE OF REGISTRATION	27	/03/2014	
TITLE	5	ΓABLE	
PRIORITY NA			
DESIGN NUMBER		256187	
CLASS		12-05	8
1)KONECRANES PLC, A COMI THE LAWS OF FINLAND, OF TH KONEENKATU 8, 05830 HYVII	IE ADDRESS	D EXISTING UNDER	
	1		P. and III
DATE OF REGISTRATION	03	/09/2013	
DATE OF REGISTRATION TITLE		/09/2013 EVICE FOR CRANES	
TITLE			

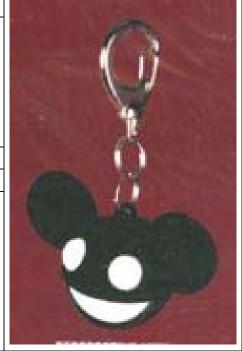
DESIGN NUMBER	,	259930	
CLASS	12-16		
1)TATA MOTORS LIMITED, AN I BOMBAY HOUSE, 24 HOMI MOD 400001, MAHARASHTRA, INDIA			Millian
DATE OF REGISTRATION	31	/01/2014	3000
TITLE	TAILGATE SILL	COVER OF A VEHICLE	10
PRIORITY NA			
DESIGN NUMBER		260117	
CLASS		28-03	
1)SKULL SHAVER, LLC OF 19 GRANT STREET, MOUNT HOI COMPANY	LLY, NEW JERSEY 08	060, U.S.A., AMERICAN	
DATE OF REGISTRATION	05/02/2014		
TITLE	ELECTRIC HAIR CLIPPER		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/462,783	08/08/2013 U.S.A.		
DESIGN NUMBER	262192		
CLASS	05-05		
1)M/S. BIBA APPARELS PRIVATI COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA DATE OF REGISTRATION TITLE	ER THE PROVISION GISTERED OFFICE A T HANUMAN SILK M MALL, MUMBAI-40	OF THE COMPANIES AT IILL COMPOUND,	
PRIORITY NA			

DESIGN NUMBER	260390
CLASS	03-01

1)MYLITE INDUSTRIES, 109, REAL INDUSTRIAL ESTATE, BUILDING NO. 6, SATVALI ROAD, WALIV PHATA, VASAI EAST-401208, DIST: THANE, MAHARASHTRA, INDIA, A PARTNERSHIP FIRM REGISTERED UNDER THE INDIAN PARTNERSHIP ACT, WHOSE PARTNERS ARE (1) SHRI PRADEEP JETHANAND MAKHIJA, (2) SMT. SONIA PRADEEP MAKHIJA, BOTH INDIANS AND RESIDENT OF

73, SAILESH APARTMENT, LINKING ROAD, ABOVE YES BANK, SANTACRUZ WEST, MUMBAI-400054, MAHARASHTRA, INDIA

DATE OF REGISTRATION	17/02/2014		
TITLE	KEYRING		



PRIORITY NA

DESIGN NUMBER	262071	
CLASS	05-05	

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT

RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400 078 MAHARASHTRA, INDIA.

DATE OF REGISTRATION	25/04/2014		
TITLE	TEXTILE FABRIC		

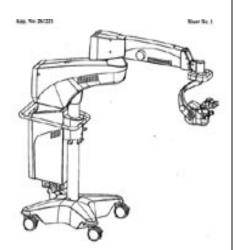


PRIORITY NA

001385298-0001

DESIGN NUMBER		261225		
CLASS		16-06		
1)CARL ZEISS MEDITEC AG, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF GERMANY, OF GOESCHWITZER STRASSE 51-52, 07745 JENA, GERMANY				
DATE OF REGISTRATION		26/03/2014		
TITLE	SURGIO	SURGICAL MICROSCOPE		
	SURGIO			
PRIORITY				
PRIORITY NUMBER	DATE	COUNTRY		

27/09/2013



OHIM

DESIGN NUMBER	260275		
CLASS	07-01		
1)GURALLAR YAPI MALZEMEI ATATURK BULVARI ESKISEHIR (A COMPANY INCORPORATED ABOVE ADDRESS	YOLU 5. KM, MERK	EZ KUTAHYA, TURKEY.	
DATE OF REGISTRATION	1.	1/02/2014	1
TITLE	WI	NE GLASS	
PRIORITY NA			
DESIGN NUMBER		256383	
CLASS		03-01	1
1)DYNO, LLC, HAVING NATION ADDRESS 1571 W. COPANS ROAD, SUITE			
DATE OF REGISTRATION	12	2/09/2013	D
TITLE	RIBBON DISPENSER		
PRIORITY			The state of the s
PRIORITY NUMBER	DATE	COUNTRY	
29/449,638	15/03/2013	U.S.A.	
DESIGN NUMBER		261070	
CLASS	07-01		
1)MA DESIGN INDIA PRIVATE I INDIA HAVING ITS PRINCIPAL P A-41, SECTOR-80, PHASE-II, NO	LACE OF BUSINESS	AT	
DATE OF REGISTRATION	19/03/2014		
TITLE	BOWL		
PRIORITY NA	•		

DESIGN NUMBER		261124	
CLASS		12-11	
1)HONDA MOTOR CO., LTD., A J OF 1-1, MINAMI-AOYAMA 2-CHO			
DATE OF REGISTRATION	20	0/03/2014	
TITLE	MO	ΓORCYCLE	160
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
2013-022049	24/09/2013	JAPAN	
DESIGN NUMBER		260426	
CLASS		23-04	
INCORPORATED UNDER THE COREGISTERED OFFICE AT SURYA KIRAN BUILDING, 19 KAINDIA	ASTURBA GANDHI M	MARG, NEW DELHI-110	001,
DATE OF REGISTRATION	Γ	7/02/2014	
TITLE	FAN		
PRIORITY NA			
DESIGN NUMBER	261738		
CLASS	03-01		
1)SAMSONITE IP HOLDING S.A.I LIABILITY COMPANY OF 13-15 AVENUE DE LA LIBERTÉ,	•		
DATE OF REGISTRATION	15/04/2014		-
TITLE	LUGGAGE		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
29/469,822	15/10/2013 U.S.A.		
			49

DESIGN NUMBER	262045	
CLASS	TAYAYAYAYAYAYAY	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S REC RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA.	T HANUMAN SILK MILL COMPOUND, MALL, MUMBAI-400 078 MAHARASHTRA,	STORES CONTROL OF THE PARTY OF
DATE OF REGISTRATION	25/04/2014	
TITLE	TEXTILE FABRIC	Emergence Control
PRIORITY NA		
DESIGN NUMBER	256886	
CLASS	09-05	
1)EUROPE BRANDS S.Á.R.L. A PI LUXEMBOURG OF 412F, ROUTE D'ESCH, L-2086, LU		
DATE OF REGISTRATION 27/09/2013		PARKER
TITLE	maria maria maria	
PRIORITY NA		S
DESIGN NUMBER	261322	
CLASS 15-09		
ADDRESS AS	VT. LTD., AN INDIAN COMPANY HAVING ON MIDC, AURANGABAD-431005	
DATE OF REGISTRATION		
TITLE		
PRIORITY NA		

	DESIGN NUMBER	262451
CLASS 02-04	CLASS	02-04

1)THAIKATTIL JOSE,

THAIKATTIL HOUSE, OLLUKARA P.O., THRISSUR, KERALA STATE, 680655, INDIA, AN INDIAN NATIONAL

DATE OF REGISTRATION	07/05/2014	
TITLE	FOOTWEAR	



PRIORITY NA

DESIGN NUMBER	261068	
CLASS	07-01	

1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA.

DATE OF REGISTRATION		19/03/2014	
TITLE		PITCHER	



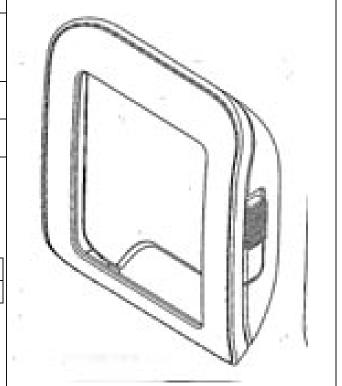
PRIORITY NA

DESIGN NUMBER	260639	
CLASS	14-99	

1)SAMSUNG ELECTRONICS CO., LTD.

129, SAMSUNG-RO, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO, 443-742, REPUBLIC OF KOREA, A COMPANY OF REPUBLIC OF KOREA

DATE OF REGISTRATION	26/02/2014	
TITLE	A CASE FOR A PORTABLE COMMUNICATION TERMINAL	



PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
30-2013-0044829	30/08/2013	REPUBLIC OF KOREA

DESIGN NUMBER	261851	
CLASS	03-01	
	ATE LIMITED, NATIONALITY-INDIAN, JTH BASEMENT, VILLAGE MADANGIR, NEW	WAY .
DATE OF REGISTRATION	21/04/2014	
TITLE	BAG	
PRIORITY NA		Assault STA Total
DESIGN NUMBER	259804	
CLASS		
ASLAM AND MOHD. AKRAM WHO	PARTNERS ARE MOHD. ALAM, MOHD. OSE ADDRESS IS: EET, MORADABAD-244001, UTTAR PRADESH,	
DATE OF REGISTRATION 29/01/2014		
TITLE JUG		
PRIORITY NA		
DESIGN NUMBER	252686	
CLASS	10-07	
1)AL AZIZ PLASTICS PRIVATE I INCORPORATED UNDER THE CO PRINCIPAL PLACE OF BUSINESS AMAR INDUSTRIAL ESTATE, 12	AT	Contract of the second
DATE OF REGISTRATION 26/03/2013		
TITLE	WATER METER ENCLOSURE	La Company

PRIORITY NA

DESIGN NUMBER	262076	
CLASS		
COMPANY INCORPORATED UN ACT, 1956, AND HAVING ITS'S R RELIABLE HOUSE, SITUATED	TE LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES EGISTERED OFFICE AT AT HANUMAN SILK MILL COMPOUND, IA MALL, MUMBAI-400 078 MAHARASHTRA,	
DATE OF REGISTRATION	25/04/2014	
TITLE	TEXTILE FABRIC	STATEMENT OF THE PARTY OF THE P
PRIORITY NA		
DESIGN NUMBER	261178	
CLASS	06-13	
DELHI-110018 (INDIA)	TED AT WZ-NA-240, VISHNU GARDEN, NEW UNDER THE INDIAN COMPANIES ACT, OF	
DATE OF REGISTRATION	21/03/2014	A Stora Tolly a Tolly
TITLE TABLE COVER		
PRIORITY NA		
DESIGN NUMBER	261272	
CLASS 26-05		1
1)MA DESIGN INDIA PRIVATE INDIA HAVING ITS PRINCIPAL I A-41, SECTOR-80, PHASE-II, NO		
DATE OF REGISTRATION	907,300	
TITLE	R. Co.	
PRIORITY NA		

DESIGN NUMBER		260276	
CLASS		07-01	
1)GURALLAR YAPI MALZEMEL ATATURK BULVARI ESKISEHIR Y (A COMPANY INCORPORATED I ABOVE ADDRESS	OLU 5. KM, MERKI	EZ KUTAHYA, TURKEY	
DATE OF REGISTRATION	11	/02/2014	
TITLE	WII	NE GLASS	
PRIORITY NA			
DESIGN NUMBER		260925	
CLASS		28-03	
1)KONINKLIJKE PHILIPS N.V., A UNDER THE LAWS OF THE KINGI EINDHOVEN, WHOSE POST-OFFIC HIGH TECH CAMPUS 5, 5656 AE	AT CONTRACTOR OF THE PROPERTY		
DATE OF REGISTRATION	12	2/03/2014	1.
TITLE	ELECTRI	C HAIR BRUSH	
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
002316216-0001	26/09/2013	OHIM	
DESIGN NUMBER	261036		
CLASS		08-06	
1)GODREJ & BOYCE MFG. CO. L LOCKS DIVISION (PLANT-18), PI 400079, MAHARASHTRA, INDIA, IN	ROJSHANAGAR, VII	KHROLI, MUMBAI -	
DATE OF REGISTRATION	18	3/03/2014	
TITLE	H	ANDLE	
PRIORITY NA			

DESIGN NUMBER	261125
CLASS	26-06

1)HONDA MOTOR CO., LTD., A JAPANESE CORPORATION,

OF 1-1, MINAMI-AOYAMA 2-CHOME, MINATO-KU, TOKYO, 107-8556 JAPAN

TITLE HEADLIGHT FOR MOTORCYCLE	DATE OF REGISTRATION	20/03/2014
	TITLE	HEADLIGHT FOR MOTORCYCLE

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
2013-022051	24/09/2013	JAPAN

DESIGN NUMBER	261891
CLASS	08-06

1)(1) NILESHBHAI ASHAR AND (2) ANJANABEN ASHAR BOTH INDIAN NATIONAL PARTNERS OF AJIT ENTERPRISE AN INDIAN PARTNERSHIP FIRM HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

PLOT NO. 4710, GIDC-III, OPP. SENOR METALS, DARED, JAMNAGAR-361004, GUJARAT-INDIA

DATE OF REGISTRATION	21/04/2014
TITLE	HANDLE





PRIORITY NA

DESIGN NUMBER	259699	
CLASS	26-06	

1)HERO MOTOCORP LIMITED, AN INDIAN COMPANY INCORPORATED UNDER THE COMPANIES ACT, HAVING ITS OFFICE

AT 34, COMMUNITY CENTRE, BASANT LOK, VASANT VIHAR, NEW DELHI-110057

DATE OF REGISTRATION	27/01/2014
TITLE	HEADLIGHT LENS FOR MOTROCYCLES

PRIORITY NA



DESIGN NUMBER	256887		
CLASS	09-05		
1)EUROPE BRANDS S.Á.R.L. A PI LUXEMBOURG OF 412F, ROUTE D'ESCH, L-2086, LU		INCORPORATED IN	do la companya de la companya della companya della companya de la companya della
DATE OF REGISTRATION	27	7/09/2013	PARKER
TITLE	BLISTER PACKAGING CARD FOR USE IN MAKING BLISTER PACKAGES		Con.
PRIORITY NA			(december 6)
DESIGN NUMBER		260790	
CLASS	08-01		
1)GUJRAL POLYMERS, D-329, INDUSTRIAL FOCAL POINT, PATIALA-147003 (PB.) INDIA, AN INDIAN NATIONAL			
DATE OF REGISTRATION	05	5/03/2014	
TITLE		НОЕ	
PRIORITY NA			
DESIGN NUMBER	261170		
CLASS	26-03		
1)KONINKLIJKE PHILIPS N.V., A COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE KINGDOM OF THE NETHERLANDS, RESIDING AT EINDHOVEN, WHOSE POST-OFFICE ADDRESS IS HIGH TECH CAMPUS 5, 5656 AE EINDHOVEN, THE NETHERLANDS			T
DATE OF REGISTRATION	21/03/2014		
TITLE	LUMINAIRE		Transport To The State of the S
PRIORITY			A A A A A A A A A A A A A A A A A A A
PRIORITY NUMBER	DATE COUNTRY		20 95.25 5
002313940-0002	23/09/2013 OHIM		

DESIGN NUMBER	262194	
CLASS	SS 05-05	
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT AT HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400078 MAHARASHTRA,	
DATE OF REGISTRATION	01/05/2014	******
TITLE	TEXTILE FABRIC	
PRIORITY NA		
DESIGN NUMBER	261024	
CLASS	08-06	
· · · · · · · · · · · · · · · · · · ·	PRIETOR M/S GODANI METAL CO., IGARH-202001 (UTTAR PRADESH) (INDIAN	
DATE OF REGISTRATION	18/03/2014	
TITLE	HANDLE	
PRIORITY NA		
DESIGN NUMBER	262073	
CLASS	05-05	170333334343334303334
COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A	E LIMITED, AN INDIAN PRIVATE LIMITED DER THE PROVISION OF THE COMPANIES GISTERED OFFICE AT AT HANUMAN SILK MILL COMPOUND, A MALL, MUMBAI-400078 MAHARASHTRA,	
DATE OF REGISTRATION	25/04/2014	
TITLE	TEXTILE FABRIC	
PRIORITY NA	1	1. Committee Com

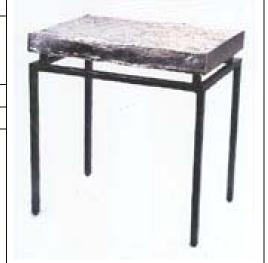
DESIGN NUMBER		260786	
CLASS	26-02		
1)SCHNEIDER ELECTRIC INDUS UNDER THE LAWS OF FRANCE, O 35, RUE JOSEPH MONIER, 92500	OF THE ADDRESS		ED
DATE OF REGISTRATION	04/03/2014		
TITLE	НА	ND LAMP	
PRIORITY			\$ DC
PRIORITY NUMBER	DATE	COUNTRY	
002303016-0001	05/09/2013	OHIM	0
DESIGN NUMBER		261169	
CLASS		26-03	
EINDHOVEN, WHOSE POST-OFFI	DOM OF THE NETHERLANDS, RESIDING AT CE ADDRESS IS EINDHOVEN, THE NETHERLANDS 21/03/2014 LUMINAIRE		
PRIORITY			A Children
PRIORITY NUMBER	DATE COUNTRY		
002313940-0001	23/09/2013	OHIM	
DESIGN NUMBER	261218		
CLASS	03-01		
1)VALENTINO S.P.A., A CORPORTHE LAWS OF ITALY, OF VIA TURATI, 16/18, I-20121 M		D AND EXISTING UNI	DER
DATE OF REGISTRATION	25/03/2014		
TITLE	BAG		
PRIORITY			
PRIORITY NUMBER	DATE COUNTRY		
MI2013O000188	01/10/2013 ITALY		

DESIGN NUMBER	261265
CLASS	06-03

1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT

A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA.

DATE OF REGISTRATION	27/03/2014
TITLE	TABLE



PRIORITY NA

DESIGN NUMBER	259387
CLASS	28-03

1)GUANGZHOU XINBO ELECTRONICS CO., LTD., A CHINESE COMPANY OF

2ND BUILDING, JUNTUO TECHNOLOGY PARK, XINYE DADAO, NANCUN, PANYU, GUANGZHOU, CHINA

DATE OF REGISTRATION	15/01/2014	
TITLE	MASSAGING BACKREST FOR MASSAGING ACUPOINTS ON BACK OF A USER	

PRIORITY

PRIORITY NUMBER	DATE	COUNTRY
201330330628.4	15/07/2013	CHINA

DESIGN NUMBER	261016
CLASS	26-01

1)KOCHUPAUL PAVARATTIKARAN OUSEP TRADING AS MARIYA PLASTICS, HAVING ADDRESS AT

IX/273 A, MANAKKODY SOUTH, MANAKKODY P.O., THRISSUR-680017, KERALA, INDIA

DATE OF REGISTRATION	18/03/2014	
TITLE	CANDLE STAND	



PRIORITY NA

DESIGN NUMBER		262193	
CLASS		05-05	man action of the Company of
1)M/S. BIBA APPARELS PRIVA COMPANY INCORPORATED UN ACT, 1956, AND HAVING ITS'S R RELIABLE HOUSE, SITUATED	DER THE PROVISION REGISTERED OFFICE	N OF THE COMPANIES AT	
KANJURMARG (WEST), OPP. HUN INDIA			
DATE OF REGISTRATION	0	1/05/2014	W .
TITLE	TEXT	TILE FABRIC	W .
PRIORITY NA			19-1-11 V -1-13-11
DESIGN NUMBER		261208	
CLASS		02-04	
1)ALPINE POLYRUB PVT. LTD NATHUPUR, DISTT. SONEPAT, I (AN INDIAN COMPANY DULY 1956)	Care LII		
DATE OF REGISTRATION	2	4/03/2014	
TITLE	FC	OOTWEAR	
PRIORITY NA			
DESIGN NUMBER		261371	
CLASS		23-02	=:
1)GEBERIT INTERNATIONAL SCHACHENSTRASSE 77, 8645 SWITZERLAND		, A COMPANY OF	
DATE OF REGISTRATION	2	8/03/2014	
TITLE	CONTROL PANEL F	FOR TOILET FLUSH TANKS	
PRIORITY			
PRIORITY NUMBER	DATE	COUNTRY	
787158001	87158001 17/01/2014 WIPO		

1)M/S. BIBA APPARELS PRIVATE LIMITED, AN INDIAN PRIVATE LIMITED COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANDUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA DATE OF REGISTRATION 01/05/2014 TITLE TEXTILE FABRIC PRIORITY NA DESIGN NUMBER 261014 CLASS 02-02 1)SHREE SIMANDHAR INDUSTRIES IS A PROPRIETORSHIP FIRM HAVING REGISTERED OFFICE AT NO. 21, NEW MANU BHUVAN, BHAGAT SINGH ROAD, VILE PARLE (W) MUMBAI-400056, MAHARASHTRA, INDIA DATE OF REGISTRATION 18/03/2014 TITLE APRON DESIGN NUMBER 261061 CLASS 07-99 1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA. DATE OF REGISTRATION 19/03/2014 TITLE TRAY	DESIGN NUMBER	262190		
COMPANY INCORPORATED UNDER THE PROVISION OF THE COMPANIES ACT, 1956, AND HAVING ITS'S REGISTERED OFFICE AT RELIABLE HOUSE, SITUATED AT HANUMAN SILK MILL COMPOUND, KANJURMARG (WEST), OPP. HUMA MALL, MUMBAI-400078 MAHARASHTRA, INDIA DATE OF REGISTRATION 01/05/2014 TITLE TEXTILE FABRIC PRIORITY NA DESIGN NUMBER 261014 CLASS 02-02 1)SHREE SIMANDHAR INDUSTRIES IS A PROPRIETORSHIP FIRM HAVING REGISTERED OFFICE AT NO. 21, NEW MANU BHUVAN, BHAGAT SINGH ROAD, VILE PARLE (W) MUMBAI-400056, MAHARASHTRA, INDIA DATE OF REGISTRATION 18/03/2014 TITLE APRON DESIGN NUMBER 261061 CLASS 07-99 1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA. DATE OF REGISTRATION 19/03/2014 TITLE TRAY	CLASS			
TITLE TEXTILE FABRIC PRIORITY NA DESIGN NUMBER 261014 CLASS 02-02 1)SHREE SIMANDHAR INDUSTRIES IS A PROPRIETORSHIP FIRM HAVING REGISTERED OFFICE AT NO. 21, NEW MANU BHUVAN, BHAGAT SINGH ROAD, VILE PARLE (W) MUMBAI-400056, MAHARASHTRA, INDIA DATE OF REGISTRATION 18/03/2014 TITLE APRON PRIORITY NA DESIGN NUMBER 261061 CLASS 07-99 1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA. DATE OF REGISTRATION 19/03/2014 TITLE TRAY	COMPANY INCORPORATED UND ACT, 1956, AND HAVING ITS'S RE RELIABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUM. INDIA	DER THE PROVISION OF THE COMPANIES CGISTERED OFFICE AT AT HANUMAN SILK MILL COMPOUND,		
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REGISTERED OFFICE AT NO. 21, NEW MANU BHUVAN, BHAGAT SINGH ROAD, VILE PARLE (W) MUMBAI-400056, MAHARASHTRA, INDIA DATE OF REGISTRATION 18/03/2014 TITLE APRON PRIORITY NA DESIGN NUMBER CLASS 107-99 1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA. DATE OF REGISTRATION 19/03/2014 TITLE TRAY	CLASS	02-02		
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PRIORITY NA DESIGN NUMBER CLASS 107-99 1)MA DESIGN INDIA PRIVATE LIMITED, A COMPANY INCORPORATED IN INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA. DATE OF REGISTRATION 19/03/2014 TITLE TRAY		10,00,201		
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INDIA HAVING ITS PRINCIPAL PLACE OF BUSINESS AT A-41, SECTOR-80, PHASE-II, NOIDA-201305, U.P. INDIA. DATE OF REGISTRATION 19/03/2014 TITLE TRAY	CLASS	07-99		
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	DATE OF REGISTRATION	TE OF REGISTRATION 19/03/2014		
PRIORITY NA	TITLE	TLE TRAY		
	PRIORITY NA	,	1	

DESIGN NUMBER		260501	
CLASS	14-02		
1)BROTHER INDUSTRIES LTD. A UNDER THE LAWS OF JAPAN, HA 15-1, NAESHIRO-CHO, MIZUHO- JAPAN DATE OF REGISTRATION	VING ITS REGISTE KU, NAGOYA-SHI, A	RED OFFICE AT	
TITLE	P	RINTER	8
PRIORITY		I	
PRIORITY NUMBER	DATE	COUNTRY	
2013-019067	21/08/2013	JAPAN	
DESIGN NUMBER		262070	
CLASS		05-05	Marie Ma
ACT, 1956, AND HAVING ITS'S RECEIVABLE HOUSE, SITUATED A KANJURMARG (WEST), OPP. HUMA INDIA DATE OF REGISTRATION	T HANUMAN SILK N MALL, MUMBAI-40	MILL COMPOUND,	
TITLE		TILE FABRIC	******
PRIORITY NA			2222222222
DESIGN NUMBER	260497		_
CLASS	12-15		
1)METRO TYRES LIMITED, A CO INDIAN COMPANIES ACT, 1956, N. ADDRESS: C-49, SECTOR-62, NOIDA-201 307	ATIONALITY- INDI		
DATE OF REGISTRATION	20	0/02/2014	255
TITLE		TYRE	100
PRIORITY NA			

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DATE OF REGISTRATION	30/01/2014	400000000000000000000000000000000000000
EXISTING UNDER THE LAWS OF BUSINESS AT	UNITED KINGDOM, HAVING PLACE OF AD, LEATHERHEAD, SURREY, KT22 7SD,	
CLASS 1)STANDARD BRANDS (UK) LIM	_	
DESIGN NUMBER	259849 07-02	

DATE OF REGISTRATION	30/01/2014			
TITLE	COOKING STOVE PANEL			
PRIORITY				
PRIORITY NUMBER		DATE	COUNTRY	
001380810-0001		06/08/2013	OHIM	

